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1954

STATE DOCUMENTS

Water Resources Survey

Part II:

MAPS SHOWING IRRIGATED AREAS IN COLORS DESIGNATING THE SOURCES OF SUPPLY

Madison County, Montana

Published by
STATE ENGINEER'S OFFICE
Helena, Montana, July, 1954

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WATER RESOURCES SURVEY

Madison County, Montana

Part II

Maps Showing Irrigated Areas

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July, 1954

Honorable J. Hugo Aronson
Governor of Montana
Capitol Building
Helena, Montana

Dear Governor Aronson:

Submitted herewith is a consolidated report on the Water Resources Survey of Madison County, Montana.

This work is being carried on with funds made available to the State Engineer by the 33rd Legislative Session, 1953, and in cooperation with the State Water Conservation Board and the Montana State Agricultural Experiment Station.

The report is divided into two parts. Part I consists of history of land and water use, irrigated lands, water rights, etc., and Part II contains the township maps in the county showing in color the lands irrigated from each source or canal system.

Work has been completed and reports are now available for the following counties: Yellowstone, Carbon, Stillwater, Big Horn, Custer, Rosebud, Musselshell, Golden Valley, Wheatland, Meagher, Sweet Grass, Park, Treasure, Gallatin, and Madison.

The office files contain minute descriptions and details of each individual water right, water and land use, etc., which are too voluminous to be included herein. These office files are available for inspection to those who are interested.

The historical data on water rights contained in this report can never become obsolete. If new information is added from time to time as new developments occur, the report can always be kept current and up to date.

Respectfully submitted,

FRED E. BUCK, State Engineer

STATE ENGINEER'S OFFICE

Fred E. Buck ..... State Engineer

Hans L. Bille ..... Assistant

STATE WATER CONSERVATION BOARD

Governor J. Hugo Aronson ..... Chairman

C. H. Raymond ..... Vice Chairman and Secretary

Fred E. Buck ..... Member and Consultant

D. P. Fabrick ..... Member

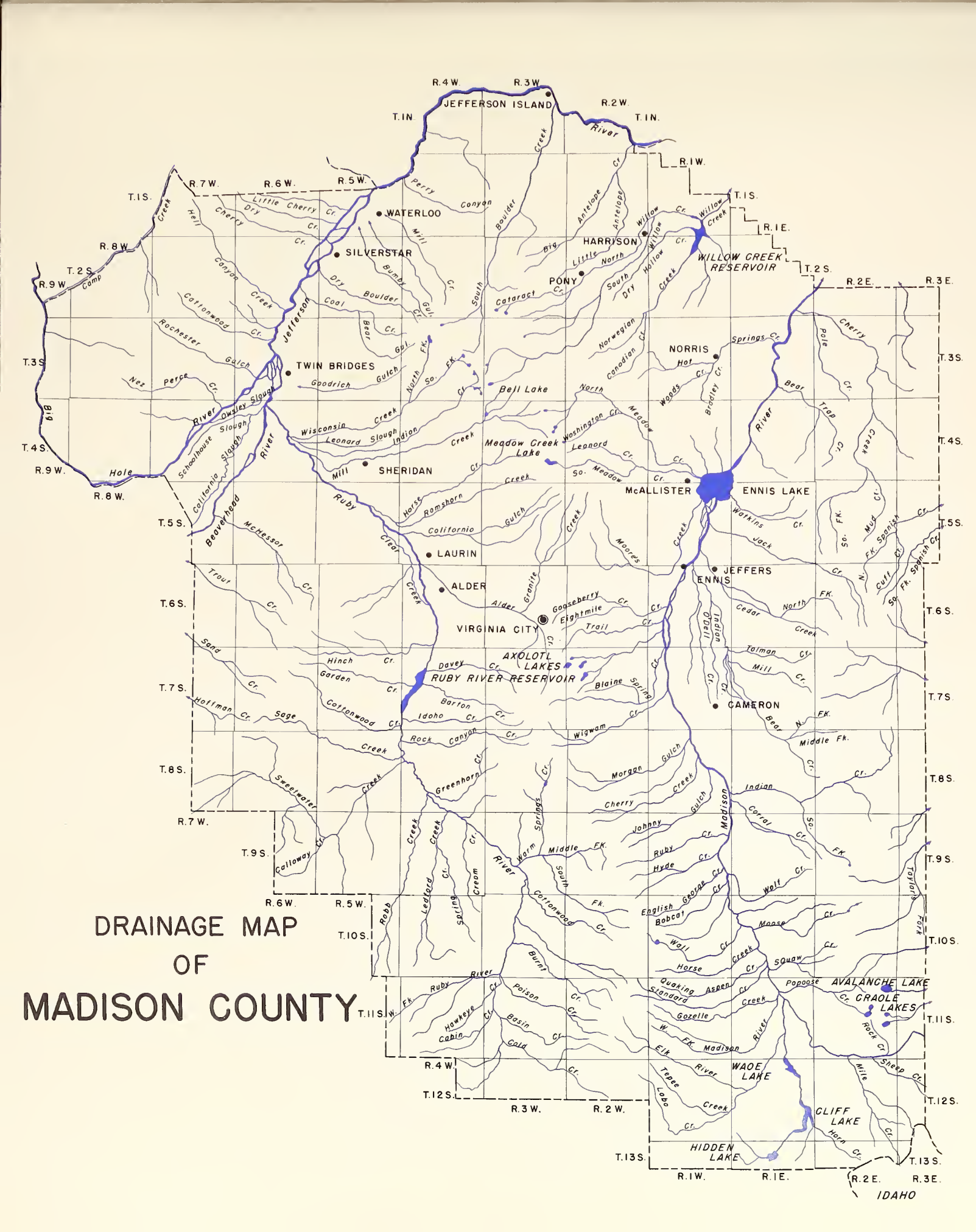
Max Mathews ..... Member

Ralph H. Fifield ..... Chief Engineer

R. J. Kelly ..... Assistant Secretary

MONTANA STATE AGRICULTURAL EXPERIMENT STATION

O. W. MONSON, Irrigation Engineer, and Consultant, Bozeman


DRAINAGE MAP
OF
MADISON COUNTY
JEFFERSON ISLAND
WATERLOO
SILVERSTAR
HARRISON
PONY
WILLOW CREEK RESERVOIR
TWIN BRIDGES
NORRIS
Bell Lake
Meadow Creek Lake
SHERIDAN
McALLISTER
ENNIS LAKE
LAURIN
ALDER
ENNIS
JEFFERS
VIRGINIA CITY
AXOLOTL LAKES
RUBY RIVER RESERVOIR
CAMERON
AVALANCHE LAKE
CRAOLE LAKES
WAOE LAKE
CLIFF LAKE
HIDDEN LAKE
IDAHO
R.4W.
R.3W.
R.2W.
R.1W.
R.1E.
R.2E.
R.3E.
R.9W.
R.8W.
R.7W.
R.6W.
R.5W.
R.4W.
R.3W.
R.2W.
R.1W.
R.1E.
R.2E.
R.3E.
T.1N.
T.1S.
T.2S.
T.3S.
T.4S.
T.5S.
T.6S.
T.7S.
T.8S.
T.9S.
T.10S.
T.11S.
T.12S.
T.13S.

Township	Range	Page
1 North	2 West	1
1 North	3 West	2
1 North	4 West	3
1 South	1 West	4
1 South	2 West	1
1 South	3 West	5
1 South	4 West	6
1 South	5 West	6
1 South	6 West	7
2 South	1 East	8
2 South	2 East	9
2 South	1 West	10
2 South	2 West	11
2 South	3 West	12
2 South	4 West	13
2 South	5 West	13
2 South	6 West	14
2 South	8 West	15
2 South	9 West	15
3 South	1 East	8
3 South	2 East	9
3 South	1 West	16
3 South	2 West	17
3 South	5 West	18
3 South	6 West	19
3 South	9 West	20
4 South	2 East	21
4 South	3 East	22
4 South	1 West	23
4 South	2 West	17
4 South	4 West	24
4 South	5 West	25
4 South	6 West	26
4 South	7 West	27
4 South	8 West	28
4 South	9 West	29
5 South	1 East	30
5 South	1 West	31
5 South	2 West	31
5 South	4 West	32
5 South	5 West	33
5 South	6 West	34
5 South	7 West	35
6 South	1 East	36
6 South	1 West	37
6 South	2 West	38
6 South	3 West	39
6 South	4 West	40
6 South	5 West	40
6 South	7 West	41
7 South	1 East	42
7 South	1 West	43
7 South	2 West	44
7 South	4 West	45
7 South	5 West	46
7 South	6 West	47
7 South	7 West	41
8 South	1 East	48
8 South	1 West	49
8 South	4 West	50
8 South	5 West	51
8 South	6 West	47
8 South	7 West	52
9 South	1 East	53
9 South	1 West	54
9 South	3 West	55
9 South	4 West	56
10 South	1 East	57
10 South	1 West	58
10 South	3 West	55
10 South	4 West	59
10 South	5 West	59
11 South	1 East	60
11 South	2 East	61
12 South	2 East	62

MAP SYMBOL INDEX

BOUNDARIES

- COUNTY LINE
- NATIONAL FOREST LINE

DITCHES

- CANALS OR DITCHES
- DRAIN DITCHES
- PROPOSED DITCHES

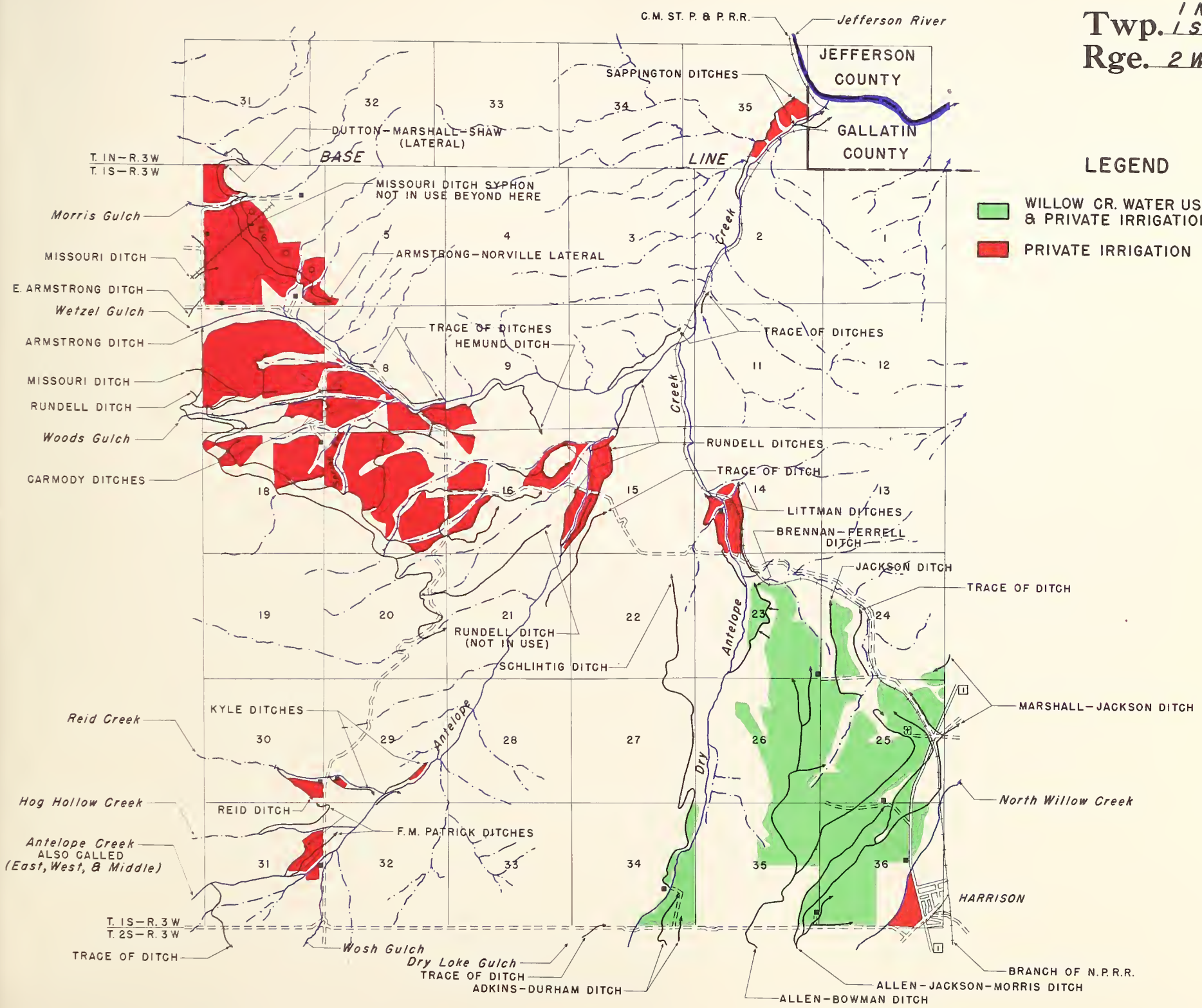
TRANSPORTATION

- PAVED ROADS
- UNPAVED ROADS
- RAILROADS
- STATE HIGHWAY
- U.S. HIGHWAY
- AIRPORT

STRUCTURES & UNITS

- DAM
- DIKE
- FLUME
- SIPHON
- SPILL
- SPRINKLER SYSTEM
- WEIR
- PIPE LINE
- PUMP
- PUMP SITE
- RESERVOIR
- WELL
- NATURAL CARRIER USED AS DITCH
- SPRING
- SWAMP
- GAUGING STATION
- POWER PLANT
- STORAGE TANK
- CEMETERY
- FAIRGROUND
- FARM OR RANCH UNIT
- LOOKOUT STATION
- RANGER STATION
- RAILROAD TUNNEL
- SCHOOL
- SHAFT, MINE, OR DRIFT

Twp. 1 NORTH / 1 SOUTH
Rge. 2 WEST



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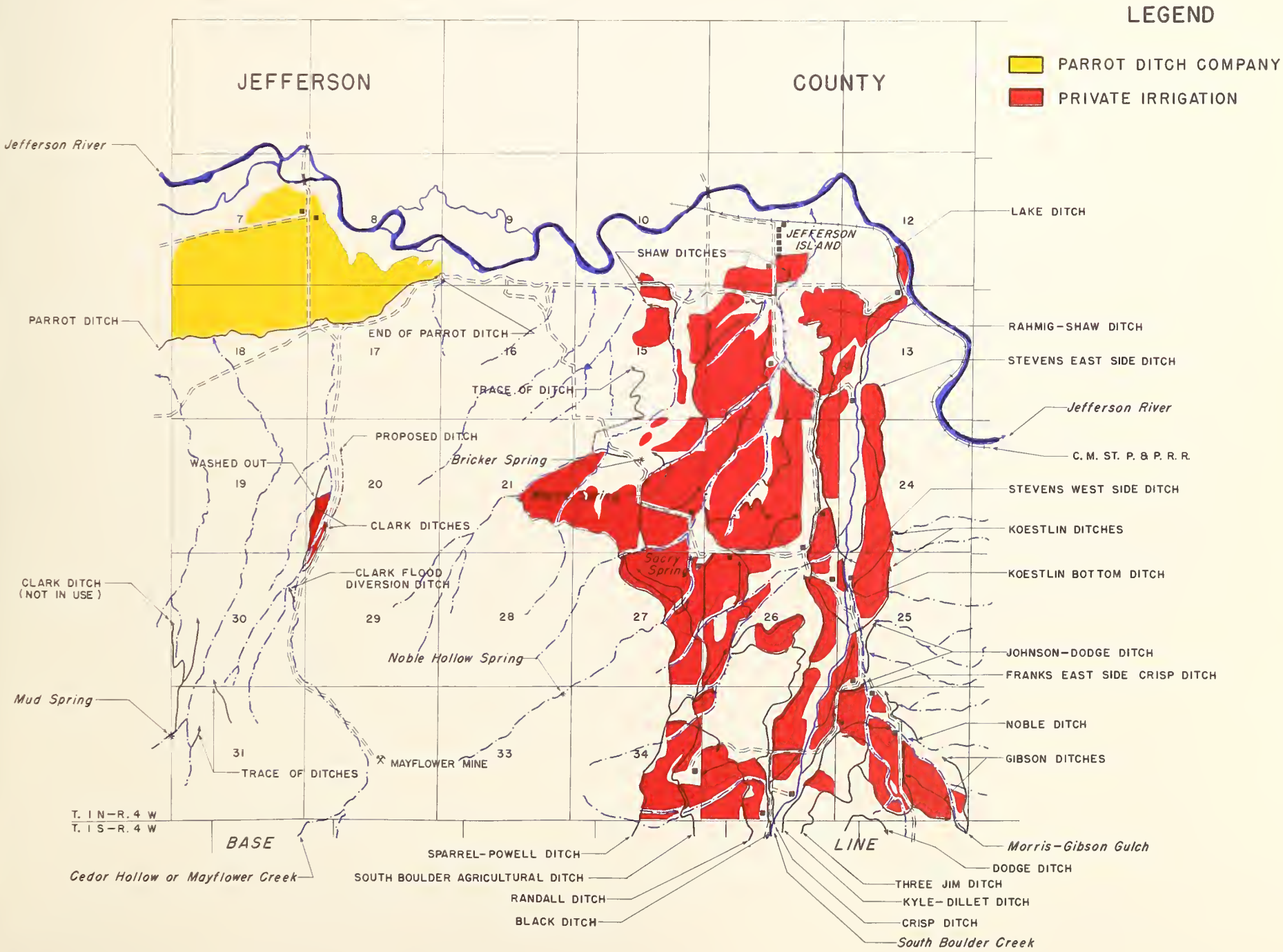
Rge. 3 WEST



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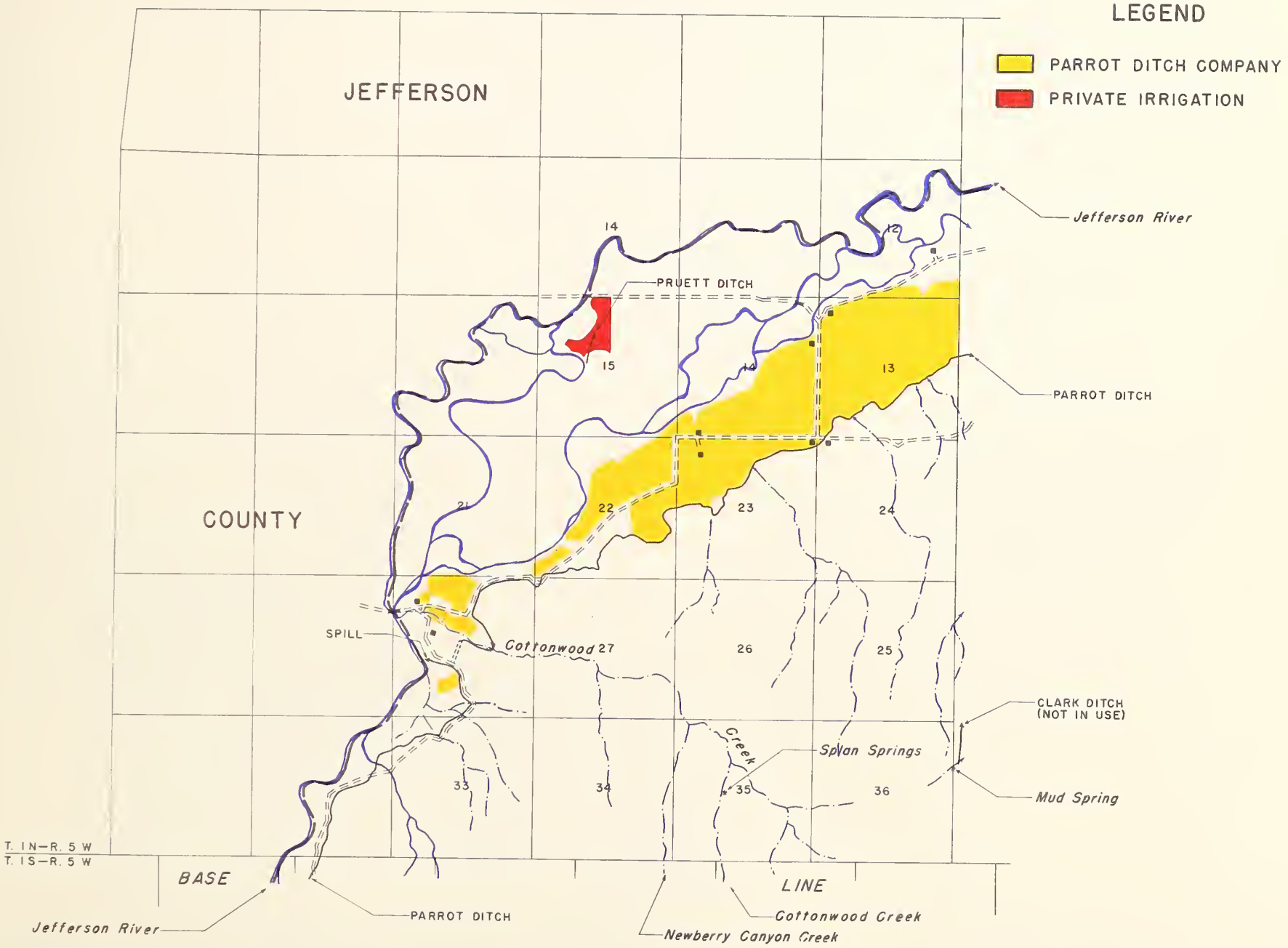
Rge. 4 WEST



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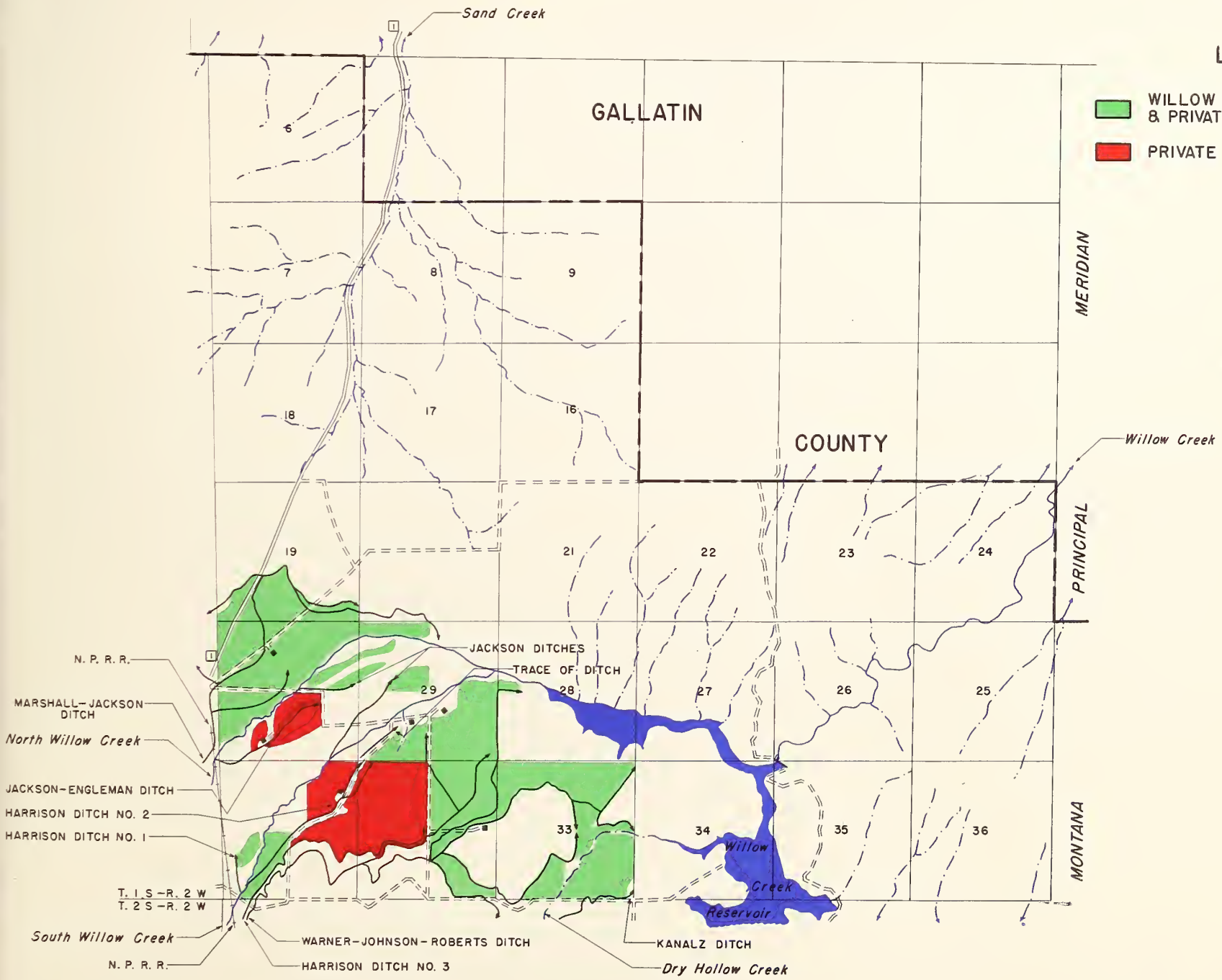
Rge. 1 WEST



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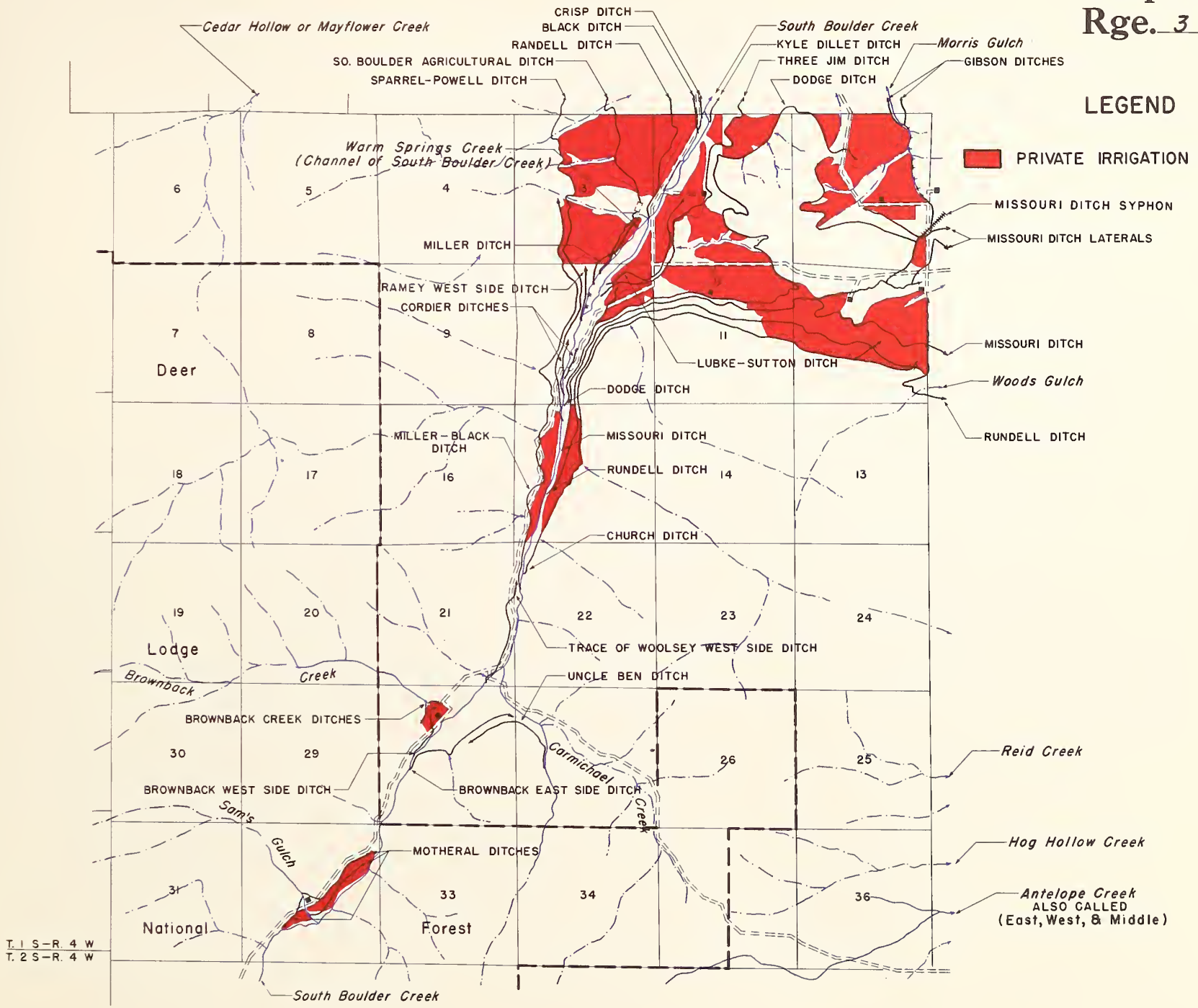
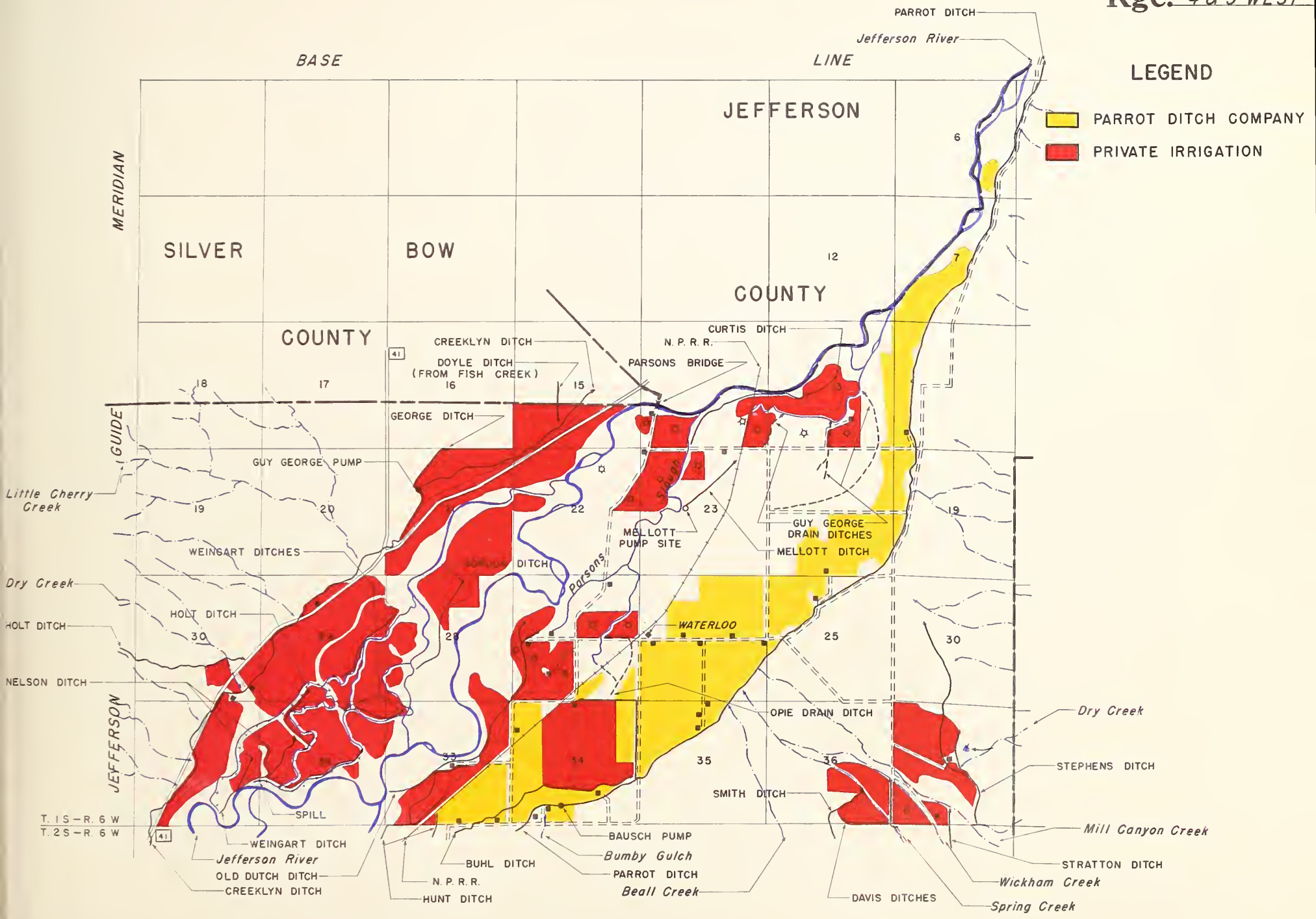
Rge. 3 WEST



Twp. 1 SOUTH
Rge. 4 & 5 WEST



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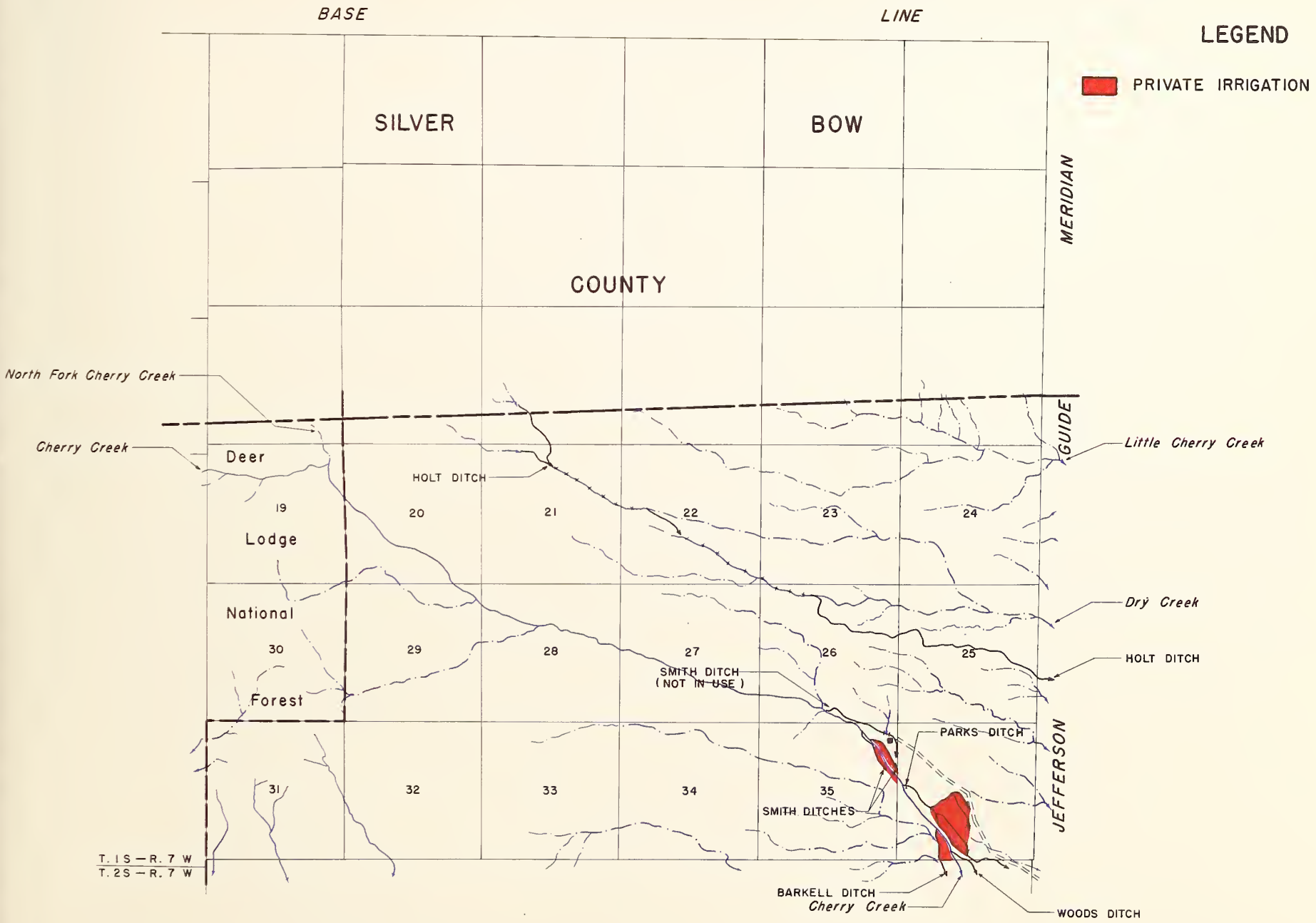
Rge. 6 WEST



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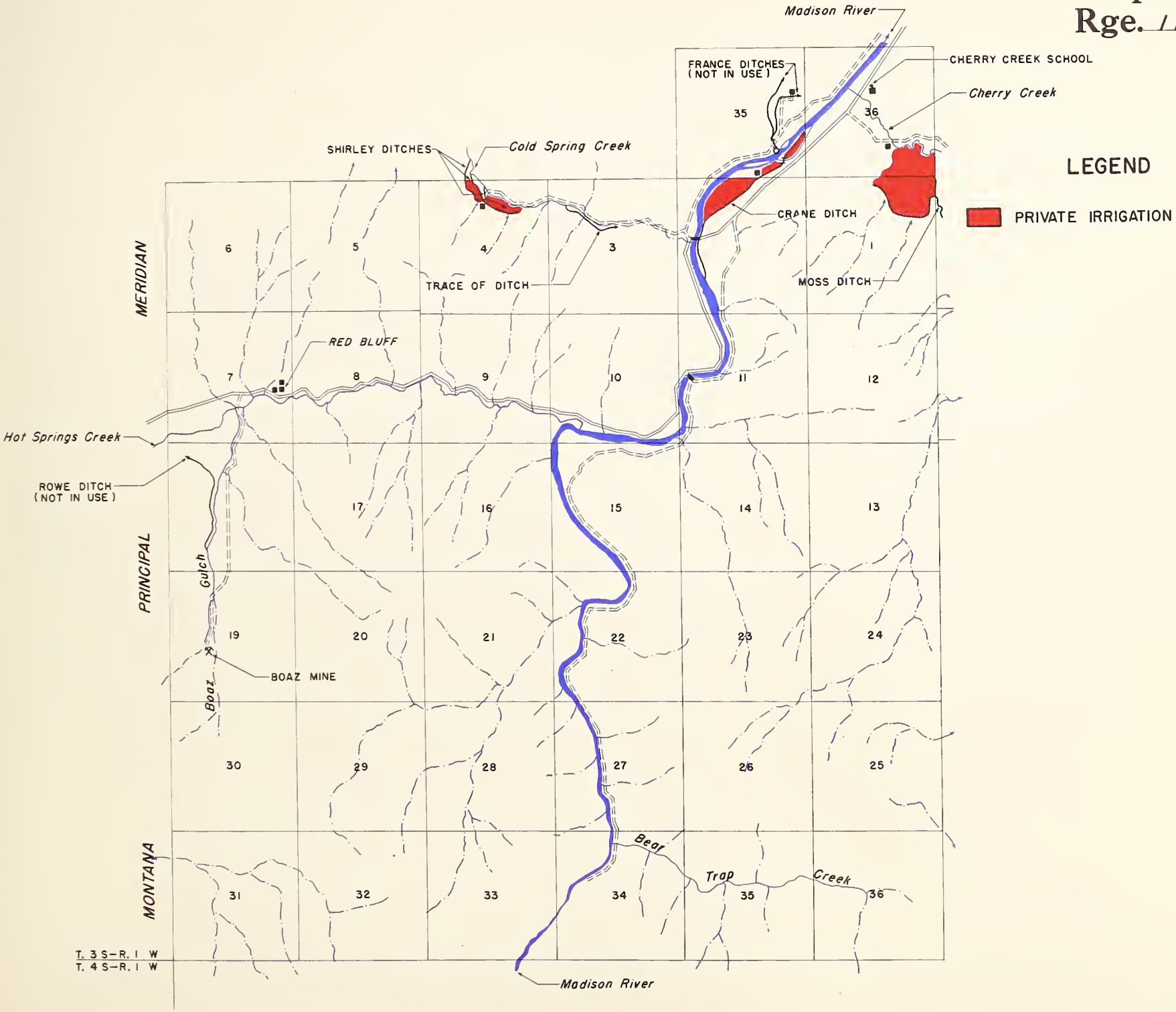
Rge. 1 EAST



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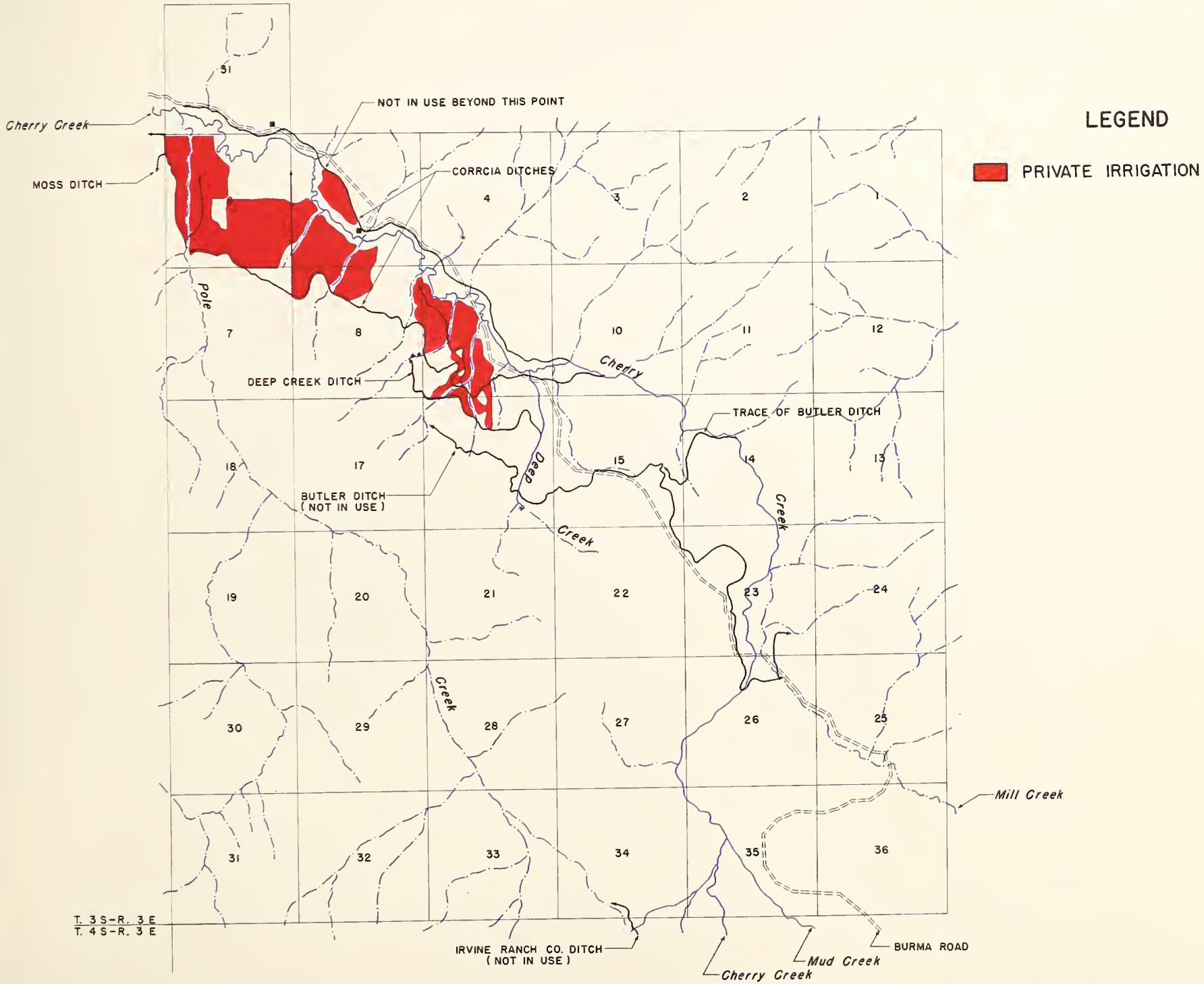
Rge. 2 EAST



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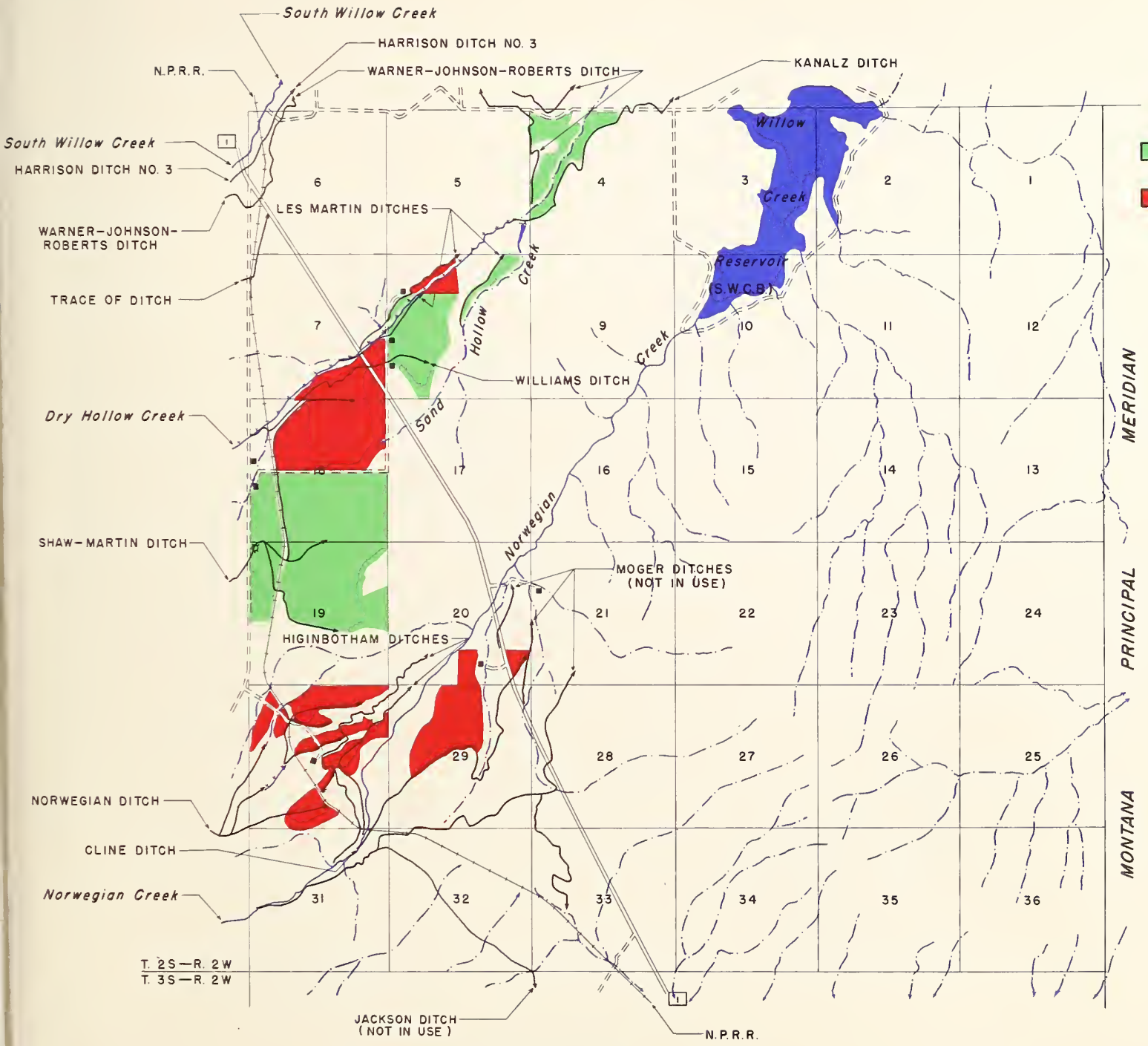
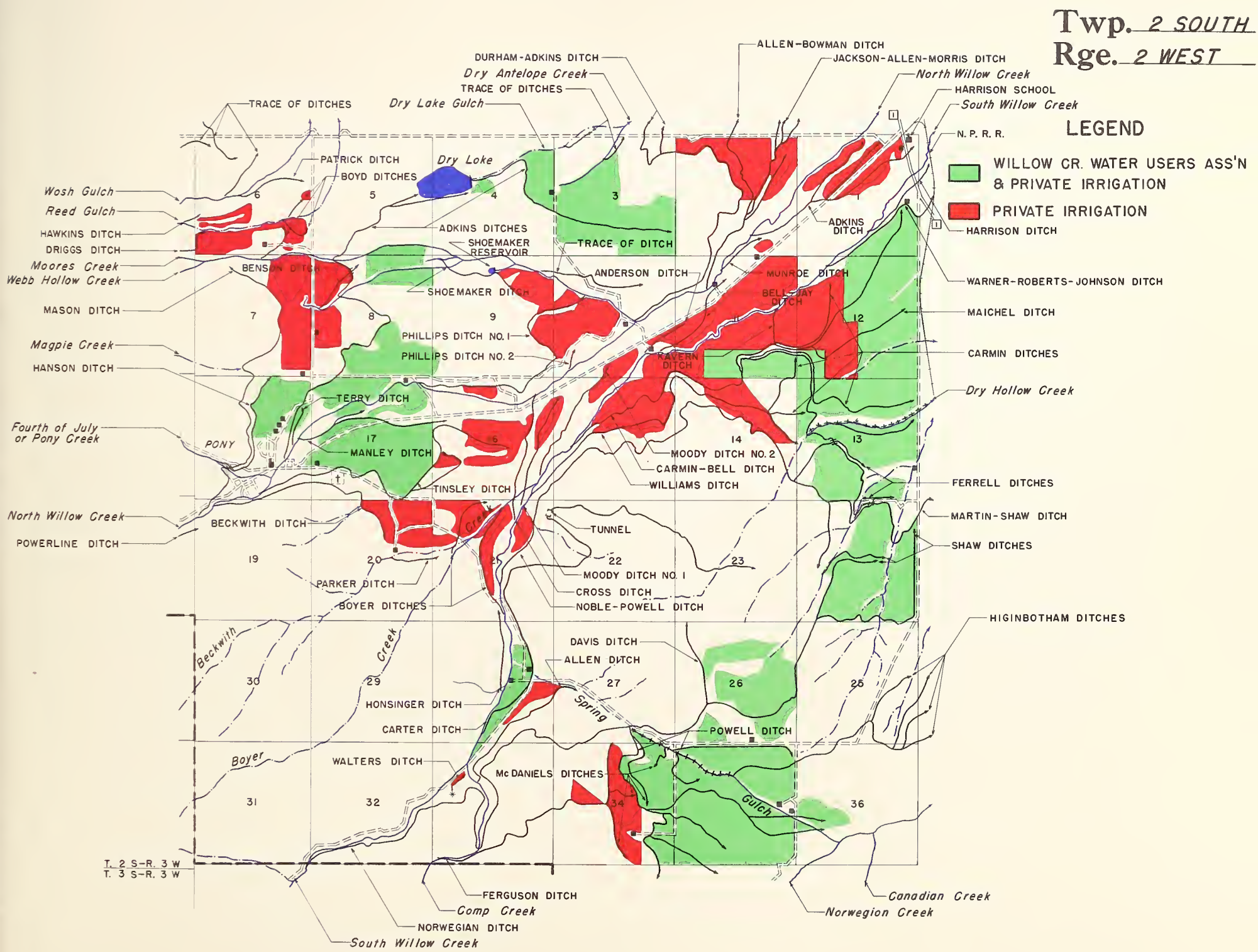
Rge. 1 WEST

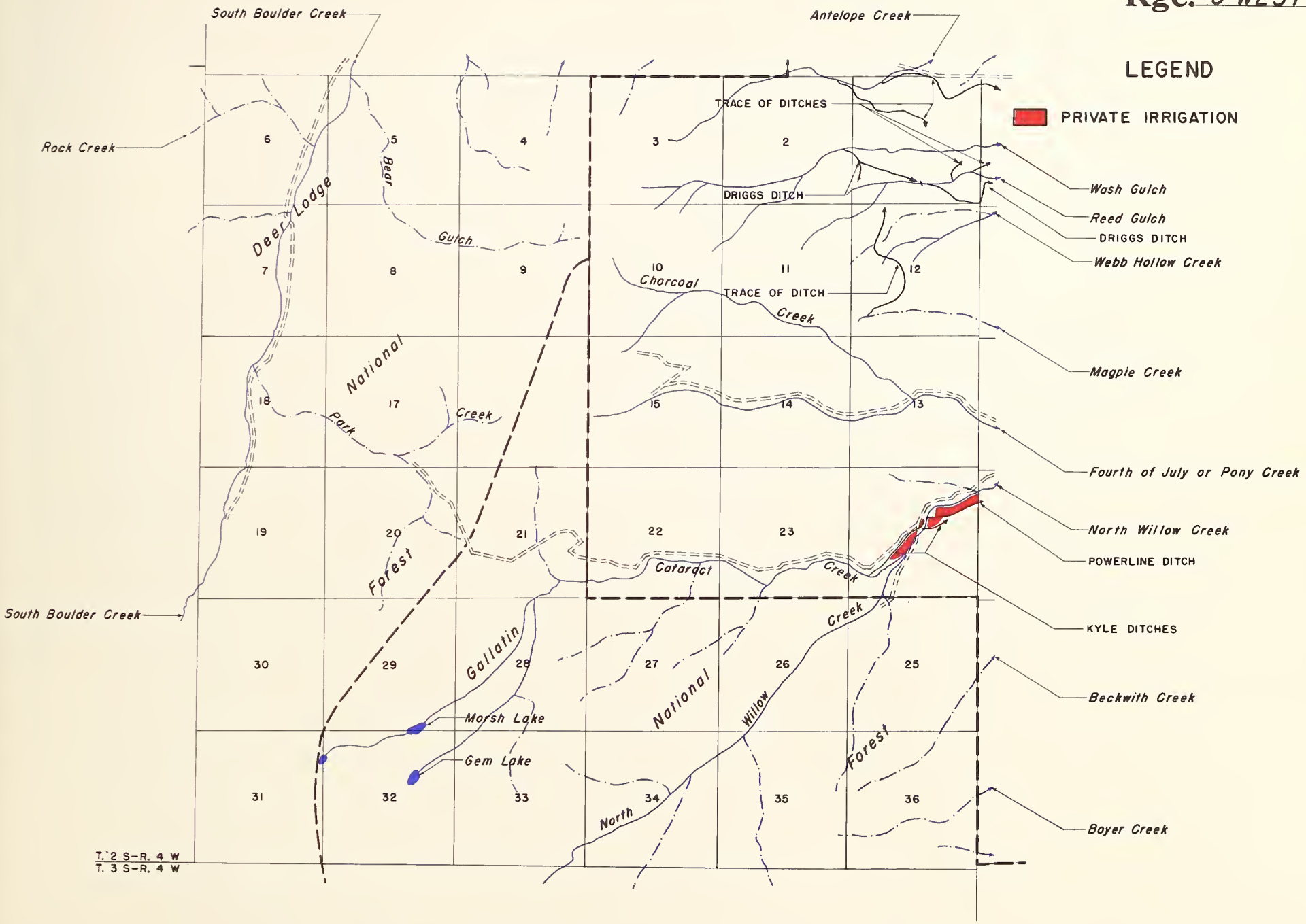


LEGEND

- WILLOW CR. WATER USERS ASS'N & PRIVATE IRRIGATION
- PRIVATE IRRIGATION


Twp. 2 SOUTH
Rge. 2 WEST
LEGEND
WILLOW CR. WATER USERS ASS'N & PRIVATE IRRIGATION
PRIVATE IRRIGATION
ALLEN-BOWMAN DITCH
JACKSON-ALLEN-MORRIS DITCH
North Willow Creek
HARRISON SCHOOL
South Willow Creek
N. P. R. R.
DURHAM-ADKINS DITCH
Dry Antelope Creek
TRACE OF DITCHES
Dry Lake Gulch
TRACE OF DITCHES
Dry Lake
PATRICK DITCH
BOYD DITCHES
Wosh Gulch
Reed Gulch
HAWKINS DITCH
DRIGGS DITCH
Moores Creek
Webb Hollow Creek
MASON DITCH
Magpie Creek
HANSON DITCH
Fourth of July or Pony Creek
PONY
North Willow Creek
POWERLINE DITCH
ADKINS DITCHES
SHOEMAKER RESERVOIR
BENSON DITCH
SHOEMAKER DITCH
TRACE OF DITCH
ANDERSON DITCH
ADKINS DITCH
HARRISON DITCH
MUNROE DITCH
BELL-JAY DITCH
WARNER-ROBERTS-JOHNSON DITCH
MAICHEL DITCH
PHILLIPS DITCH NO. 1
PHILLIPS DITCH NO. 2
RAVERN DITCH
CARMIN DITCHES
Dry Hollow Creek
TERRY DITCH
MANLEY DITCH
TINSLEY DITCH
MOODY DITCH NO. 2
CARMIN-BELL DITCH
WILLIAMS DITCH
FERRELL DITCHES
MARTIN-SHAW DITCH
SHAW DITCHES
BECKWITH DITCH
TUNNEL
MOODY DITCH NO. 1
CROSS DITCH
NOBLE-POWELL DITCH
PARKER DITCH
BOYER DITCHES
HIGINBOTHAM DITCHES
Beckwith Creek
DAVIS DITCH
ALLEN DITCH
HONSINGER DITCH
CARTER DITCH
Spring Gulch
POWELL DITCH
Boyer
WALTERS DITCH
McDANIELS DITCHES
T. 2 S-R. 3 W
T. 3 S-R. 3 W
FERGUSON DITCH
Comp Creek
NORWEGIAN DITCH
South Willow Creek
Canadian Creek
Norwegion Creek

Twp. 2 SOUTH
Rge. 3 WEST



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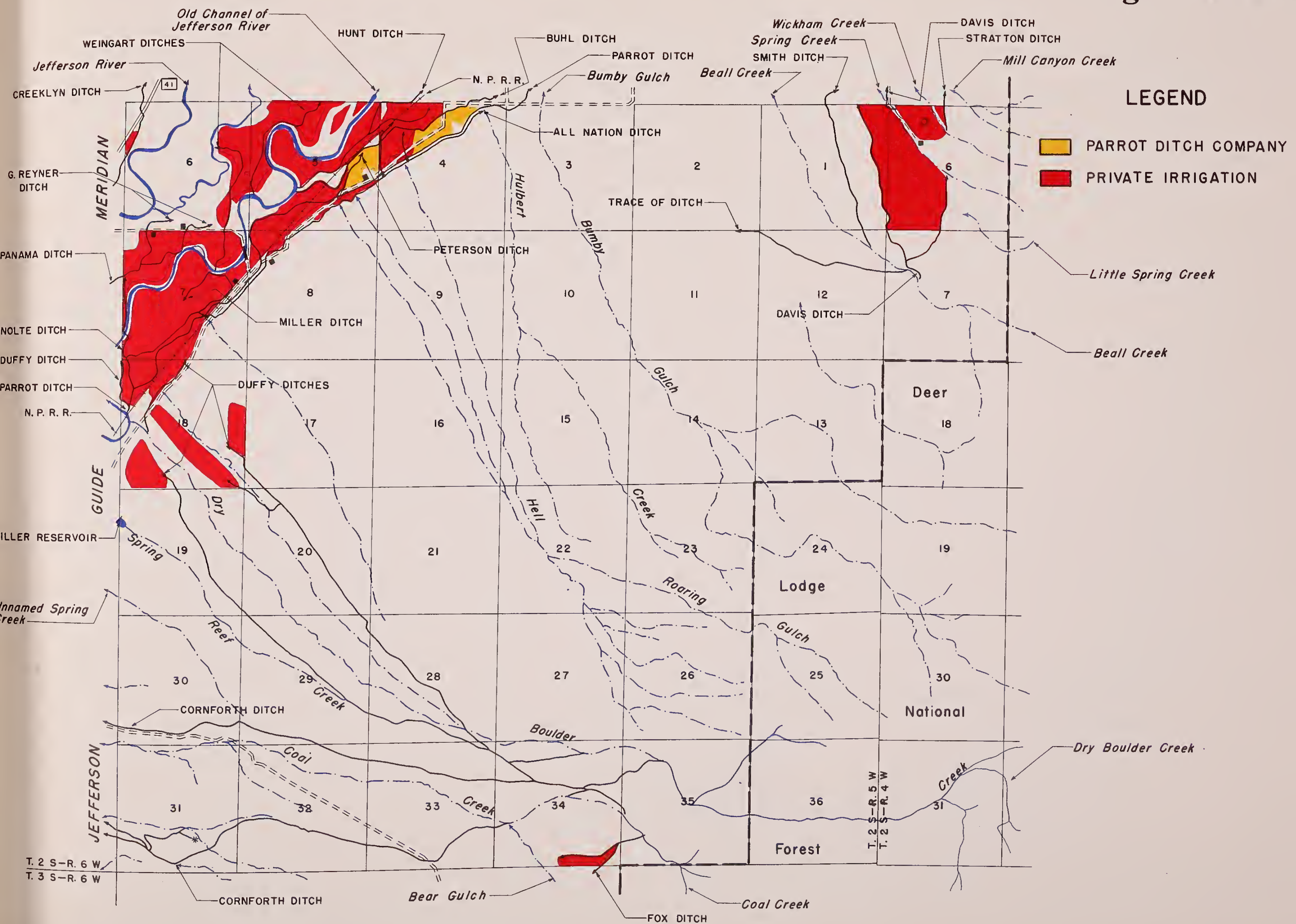
Rge. 4 & 5 WEST



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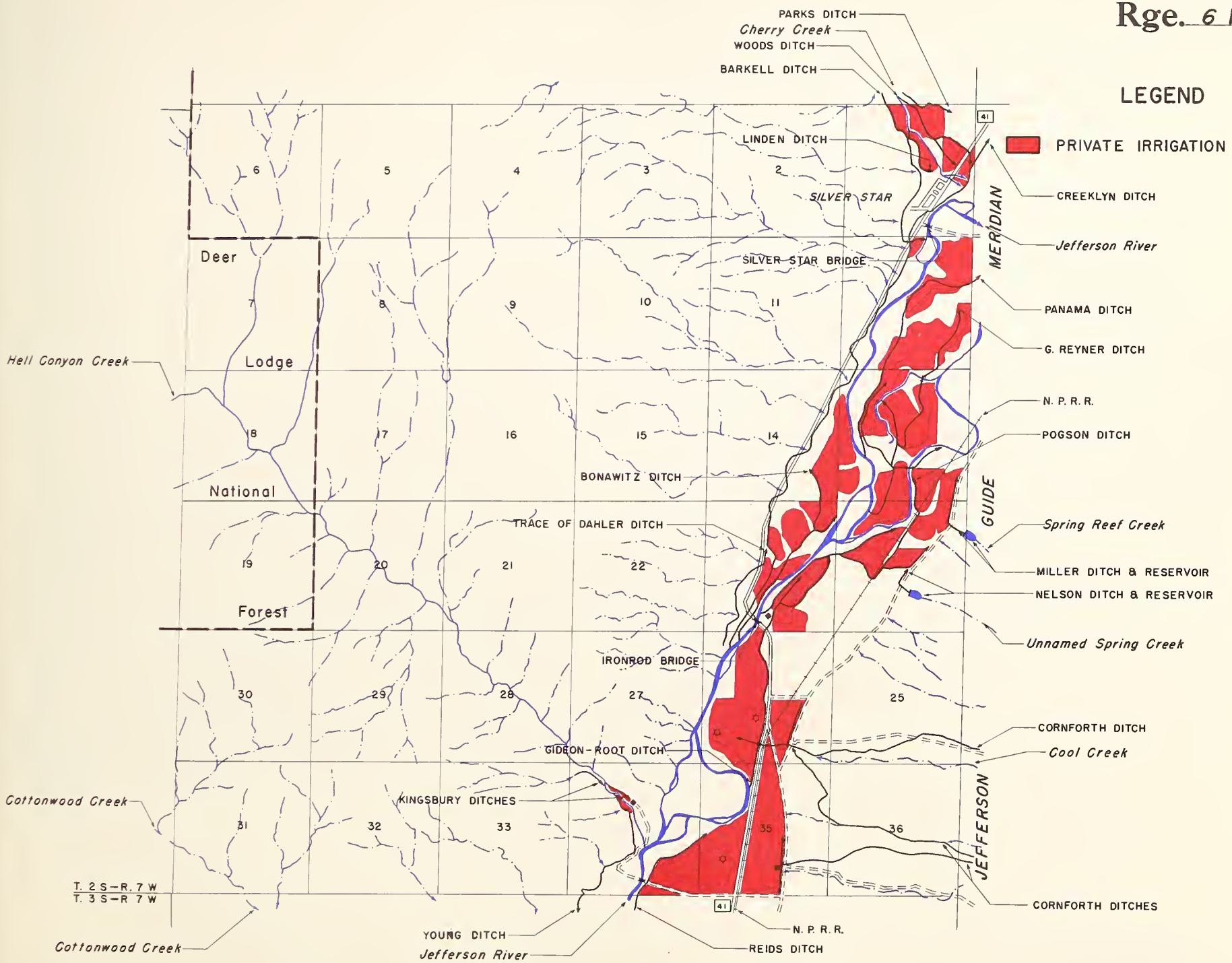
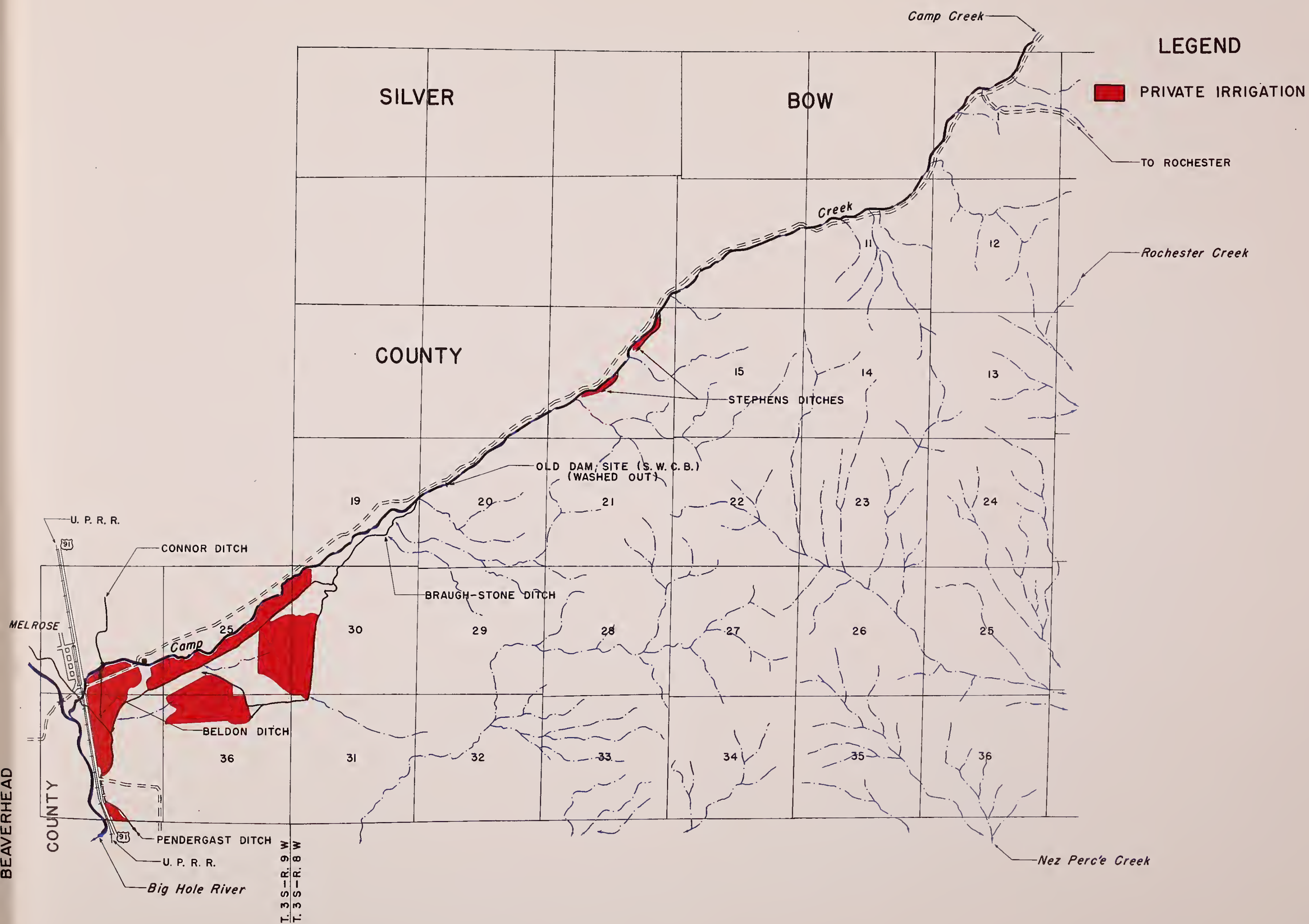
Rge. 6 WEST



Twp. 2 SOUTH
Rge. 8 & 9 WEST



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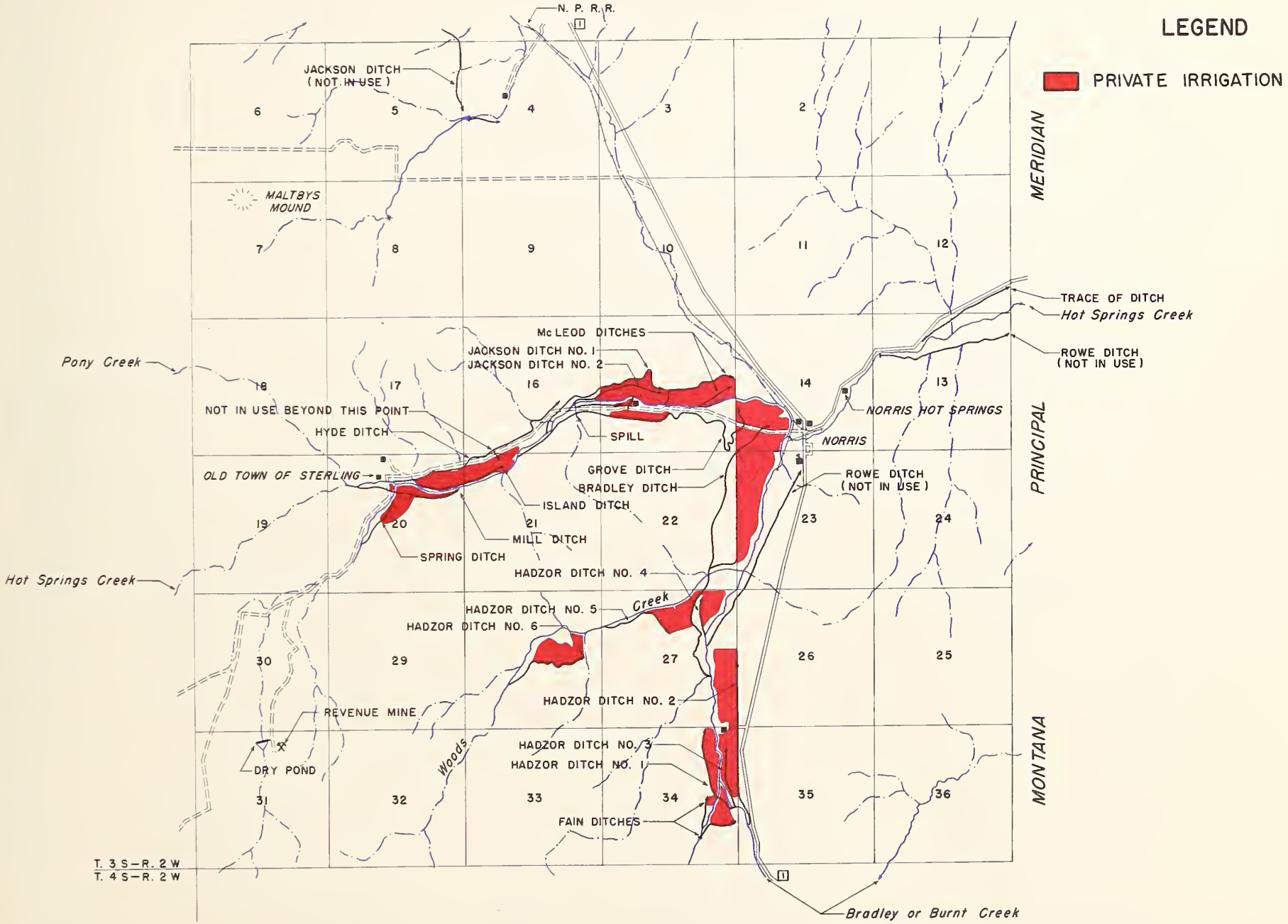
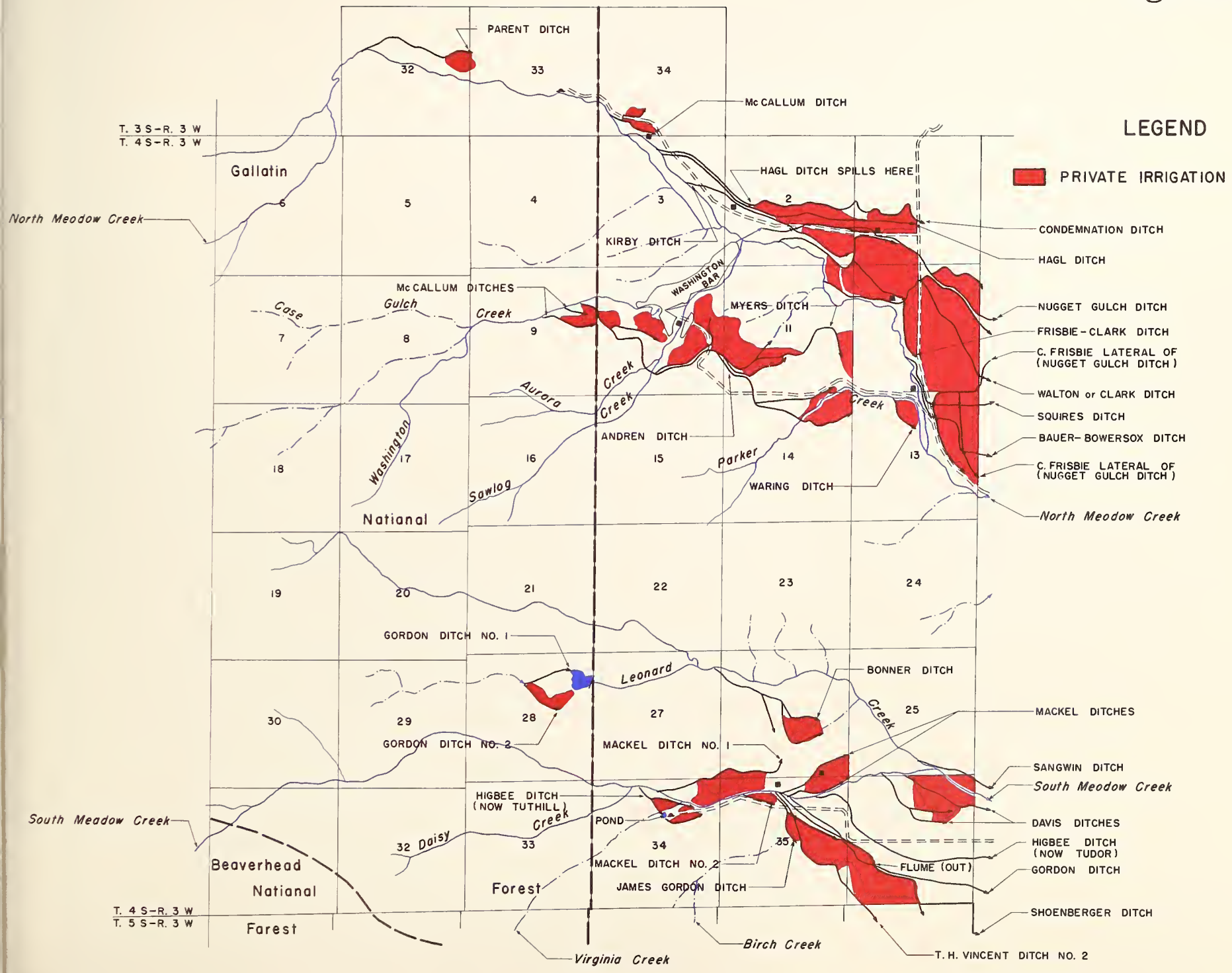


Twp. 3 & 4 SOUTH
Rge. 2 WEST



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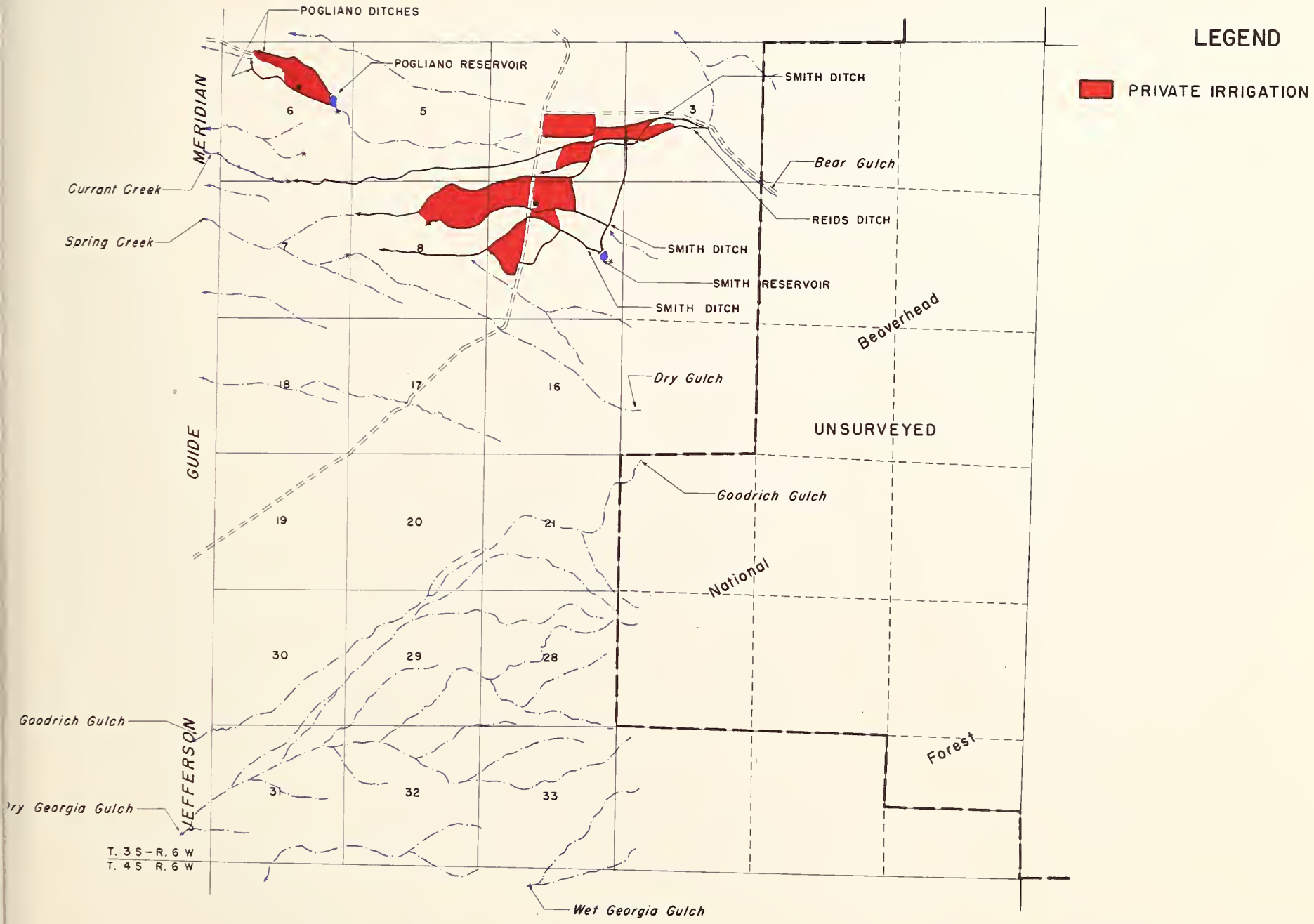

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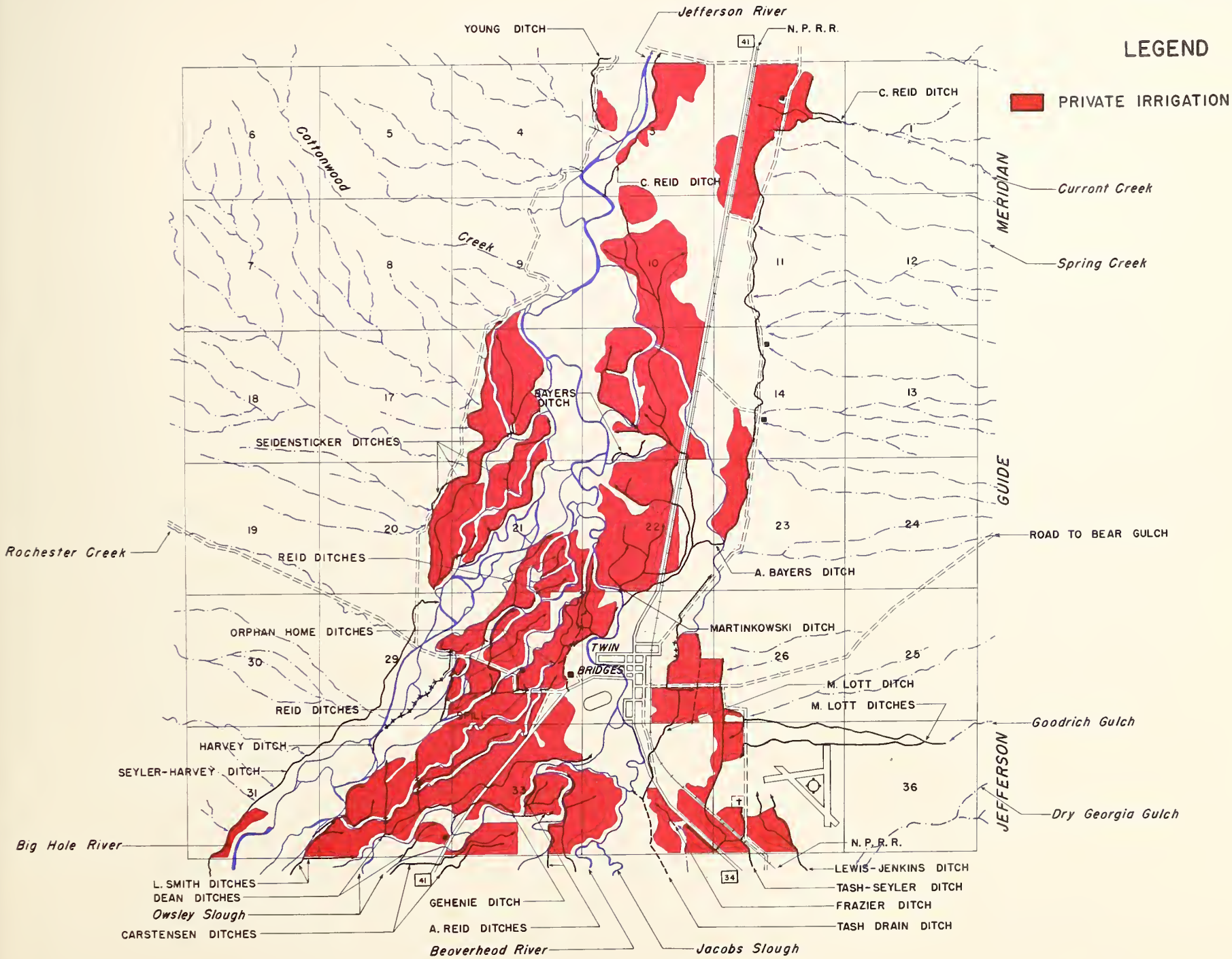
Rge. 6 WEST



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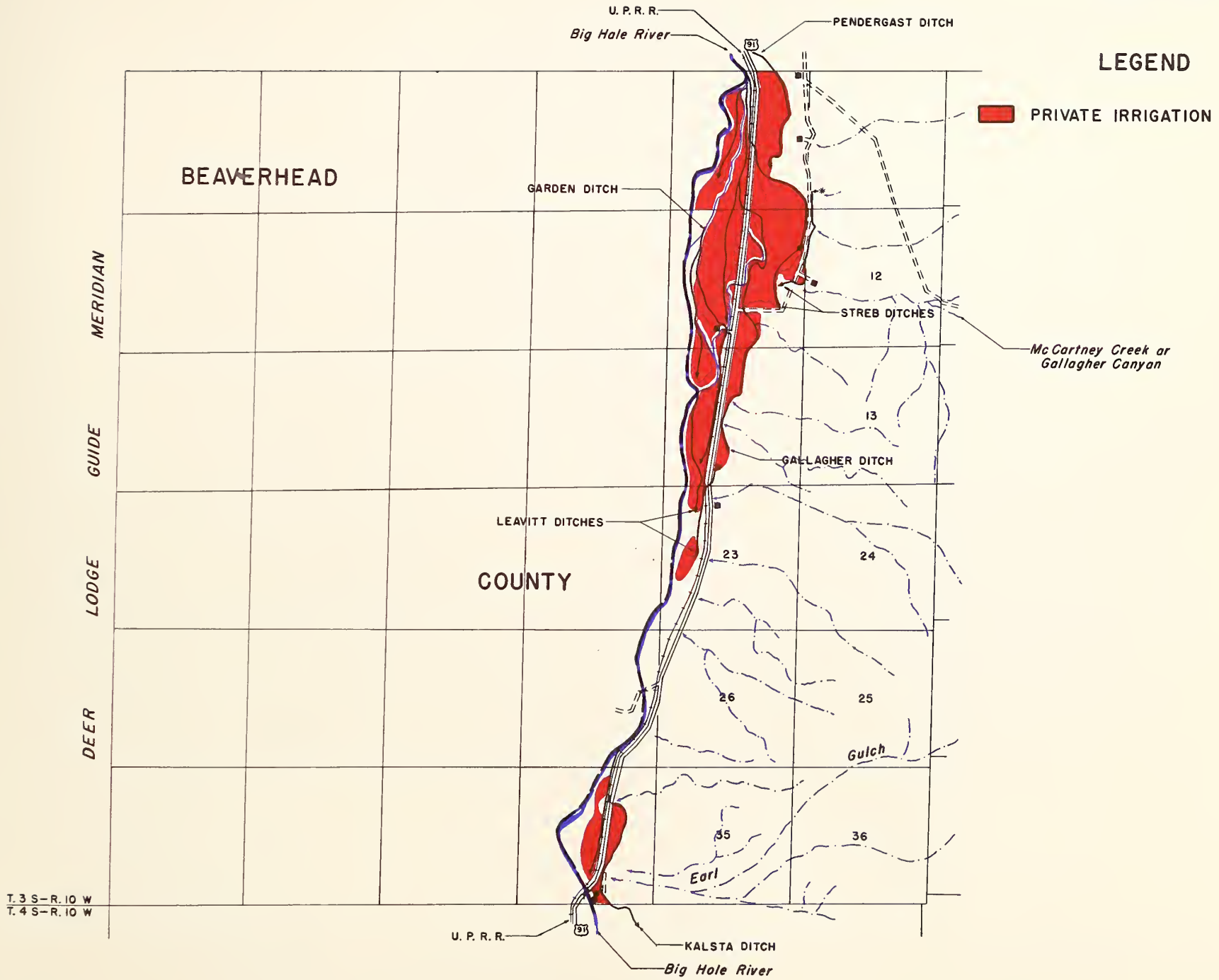
Rge. 9 WEST



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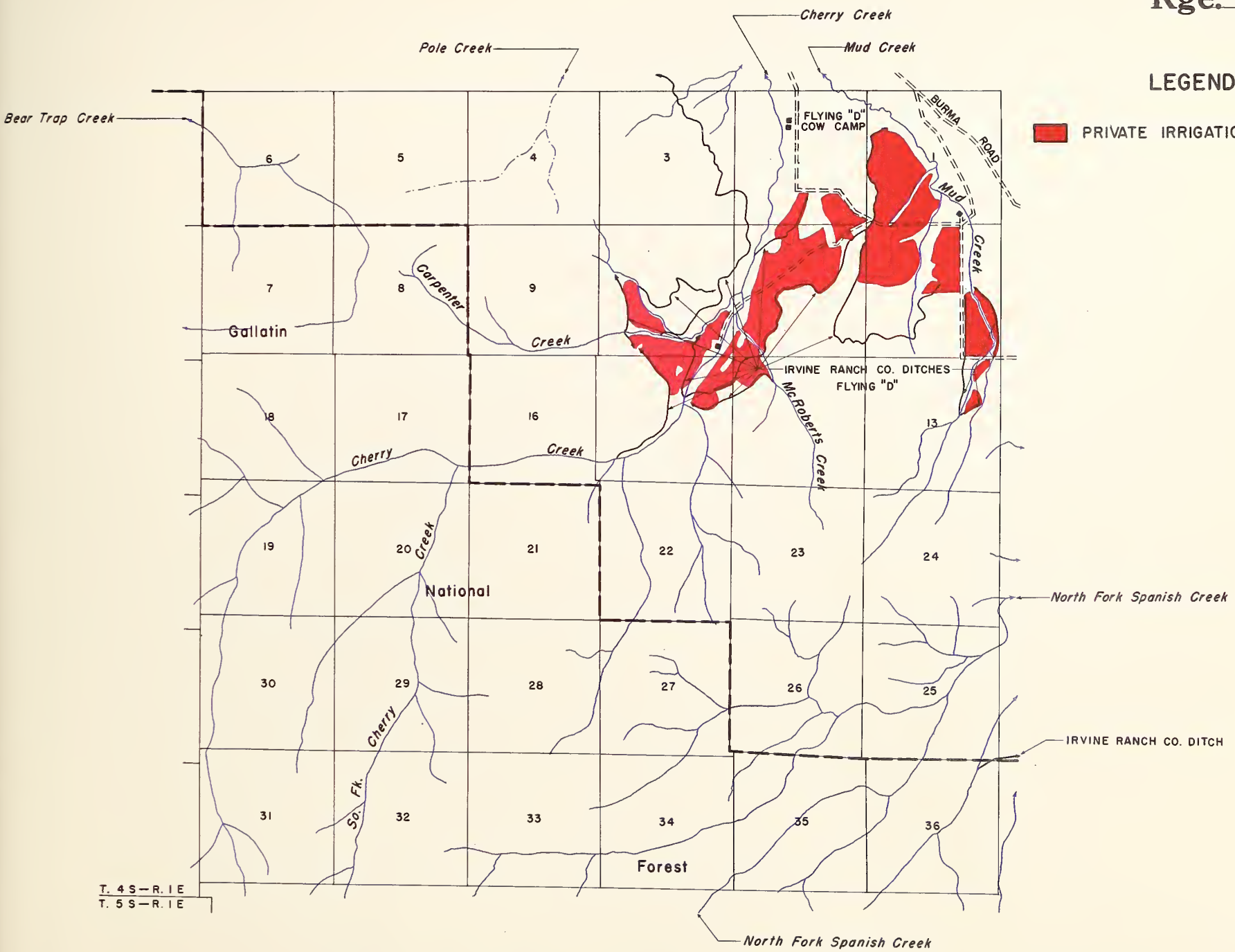
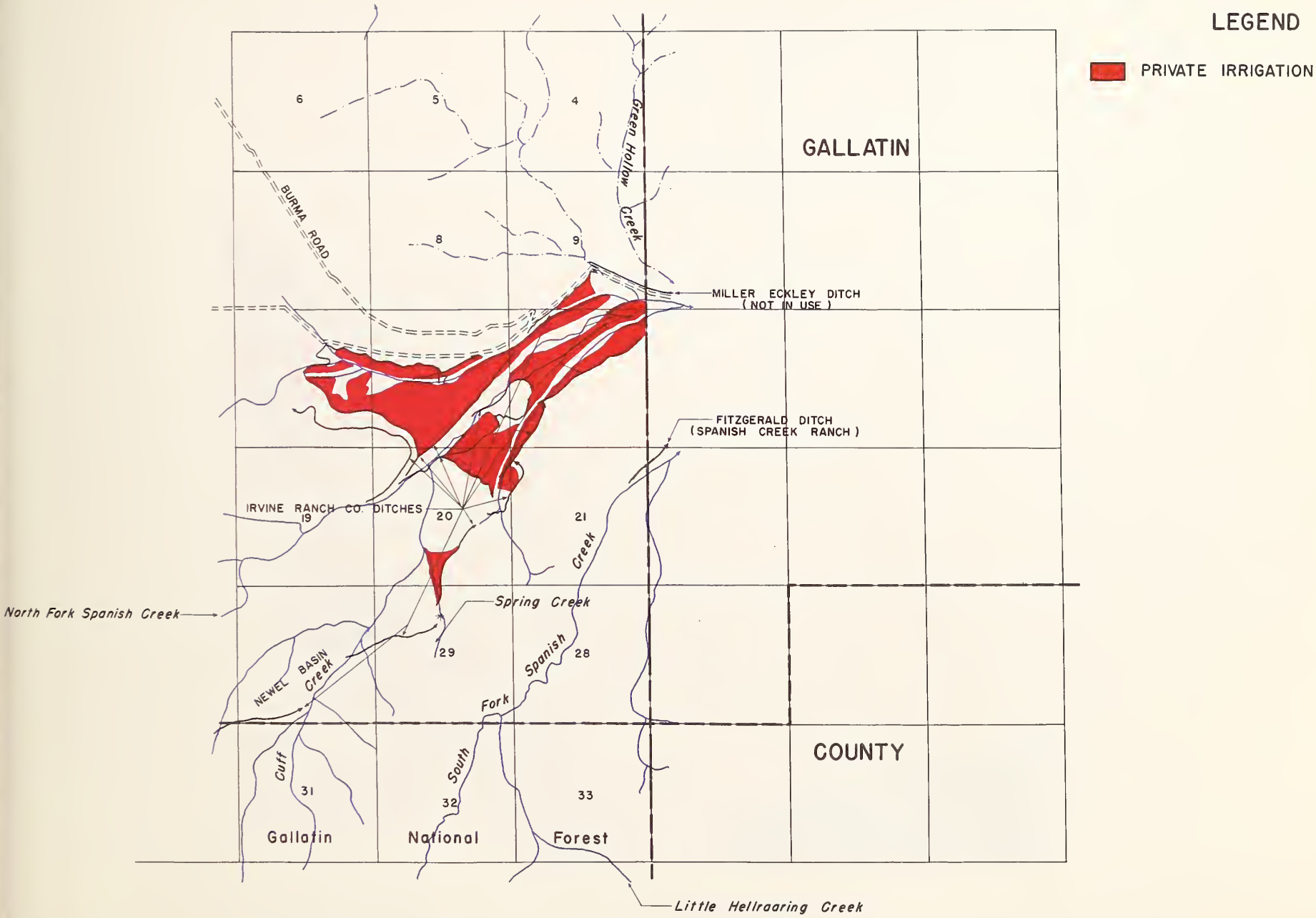
Rge. 2 EAST



LEGEND

PRIVATE IRRIGATION

Twp. 4 SOUTH
Rge. 3 EAST



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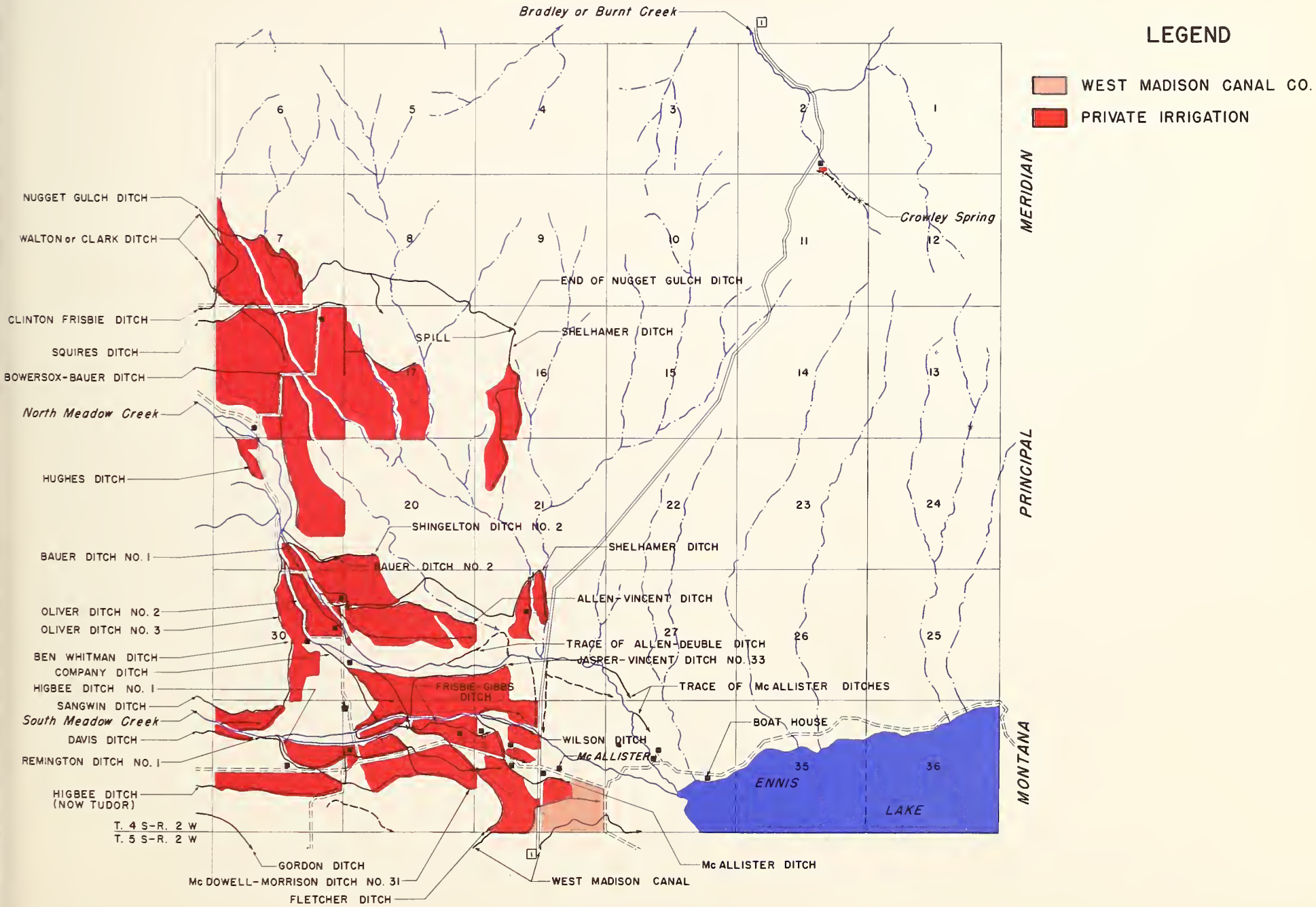
Rge. 1 WEST



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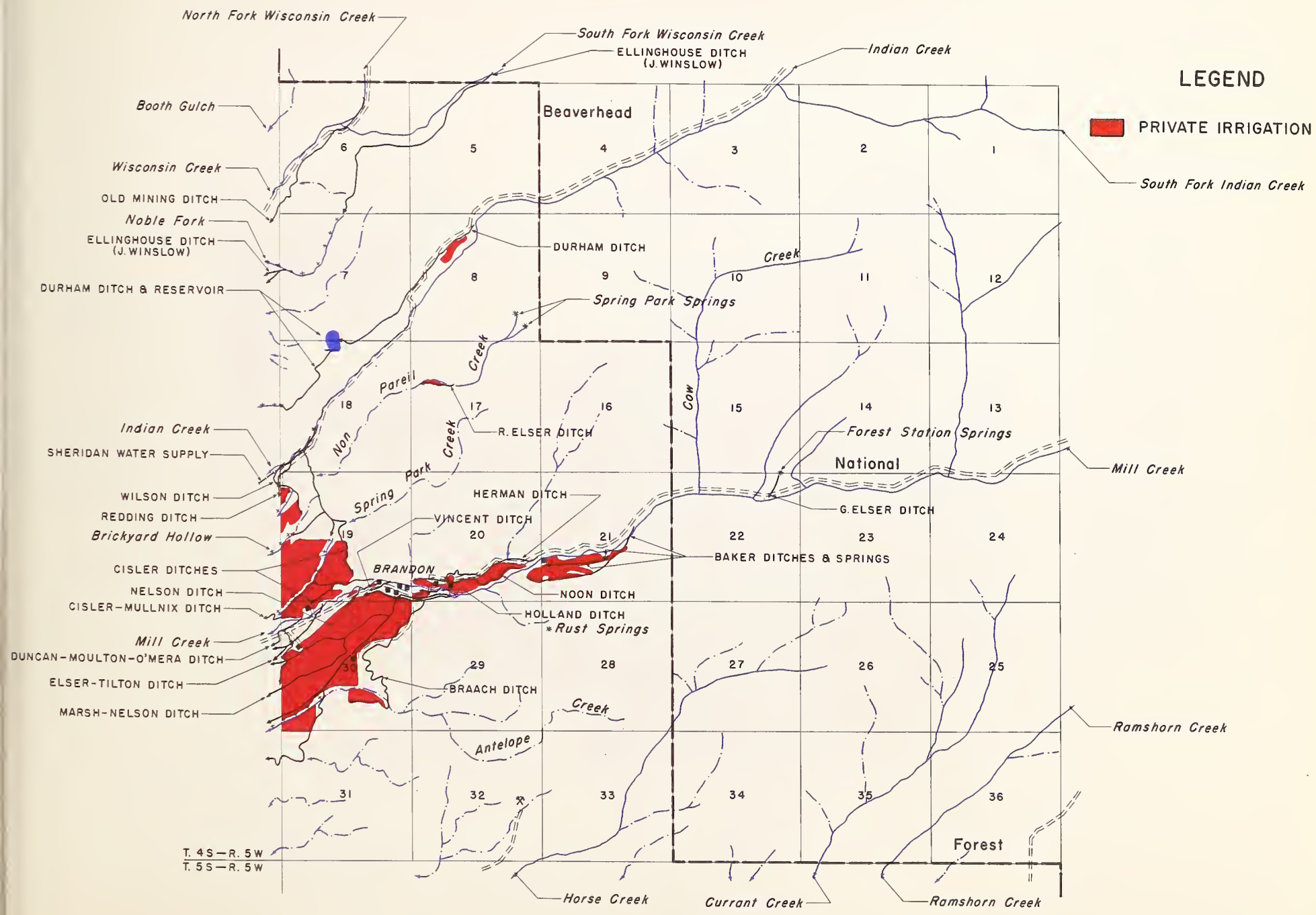
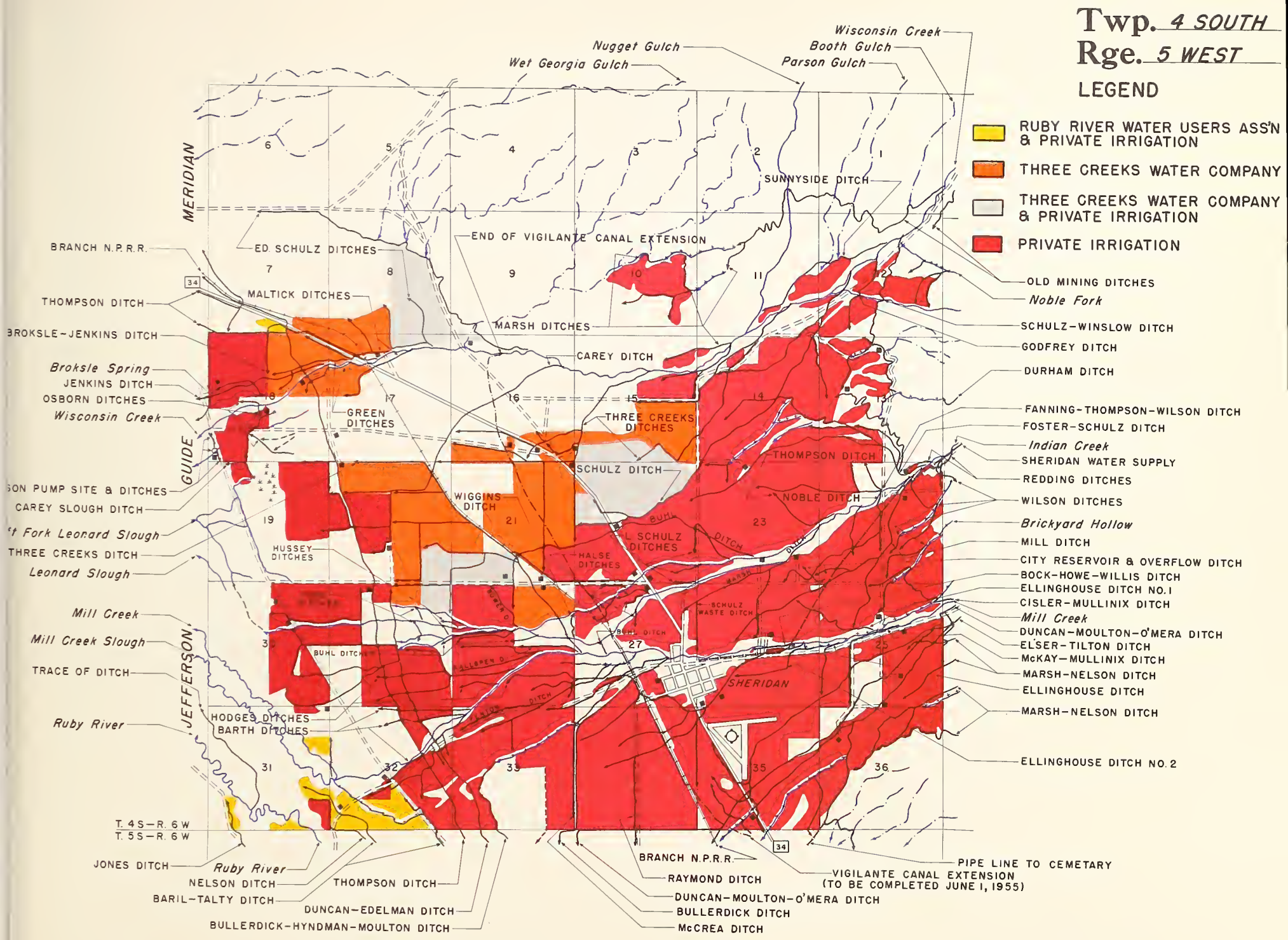
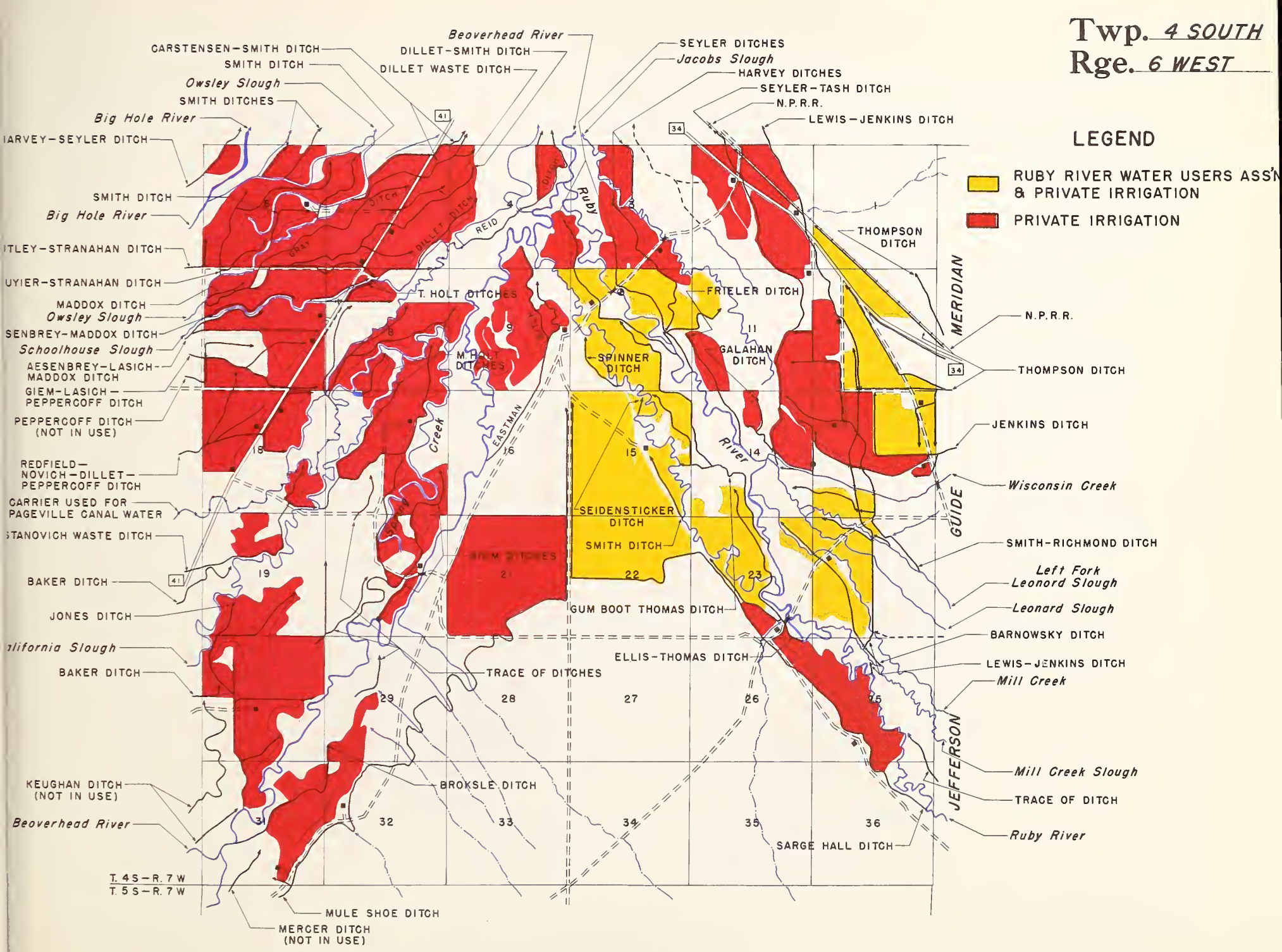
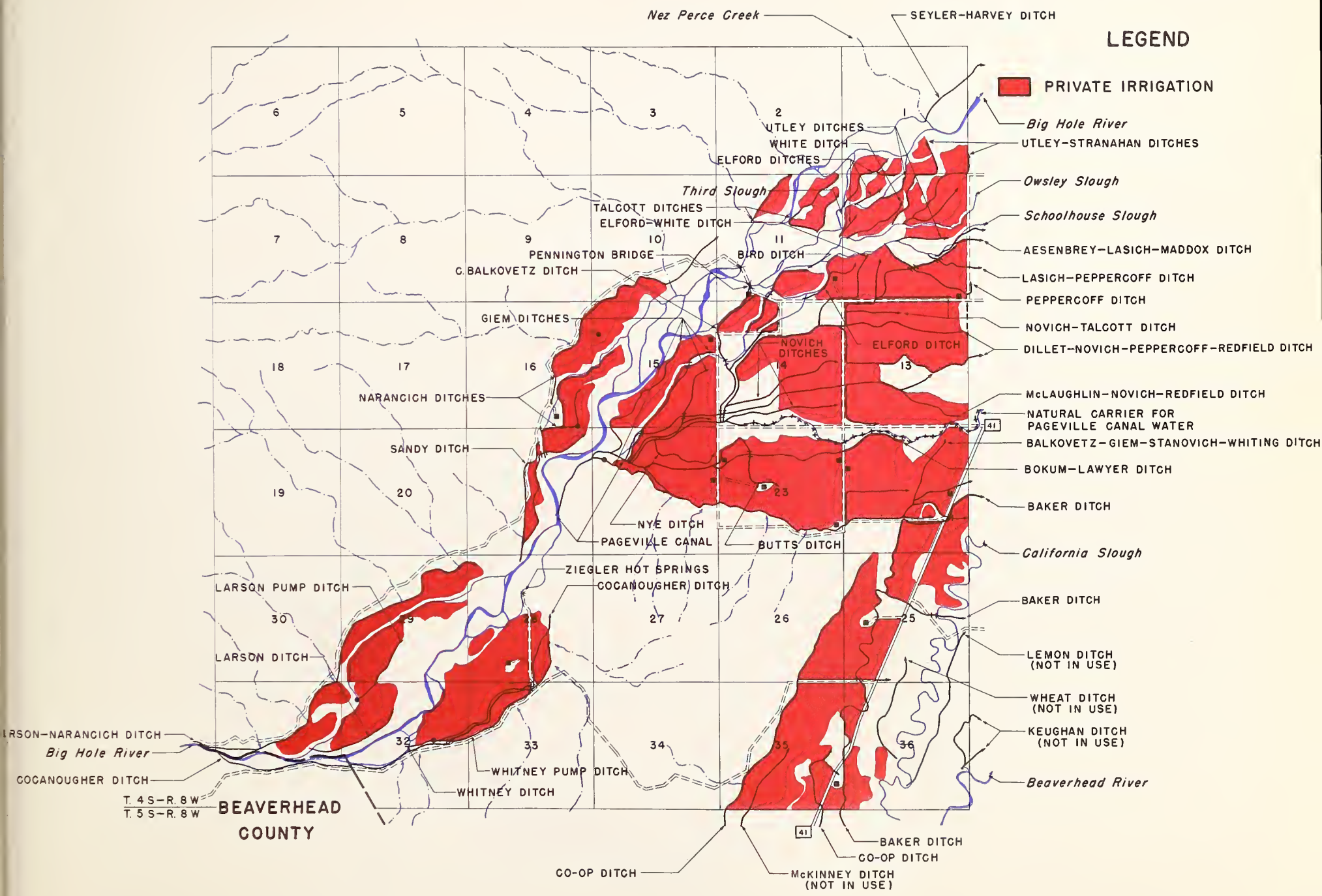
Rge. 4 WEST



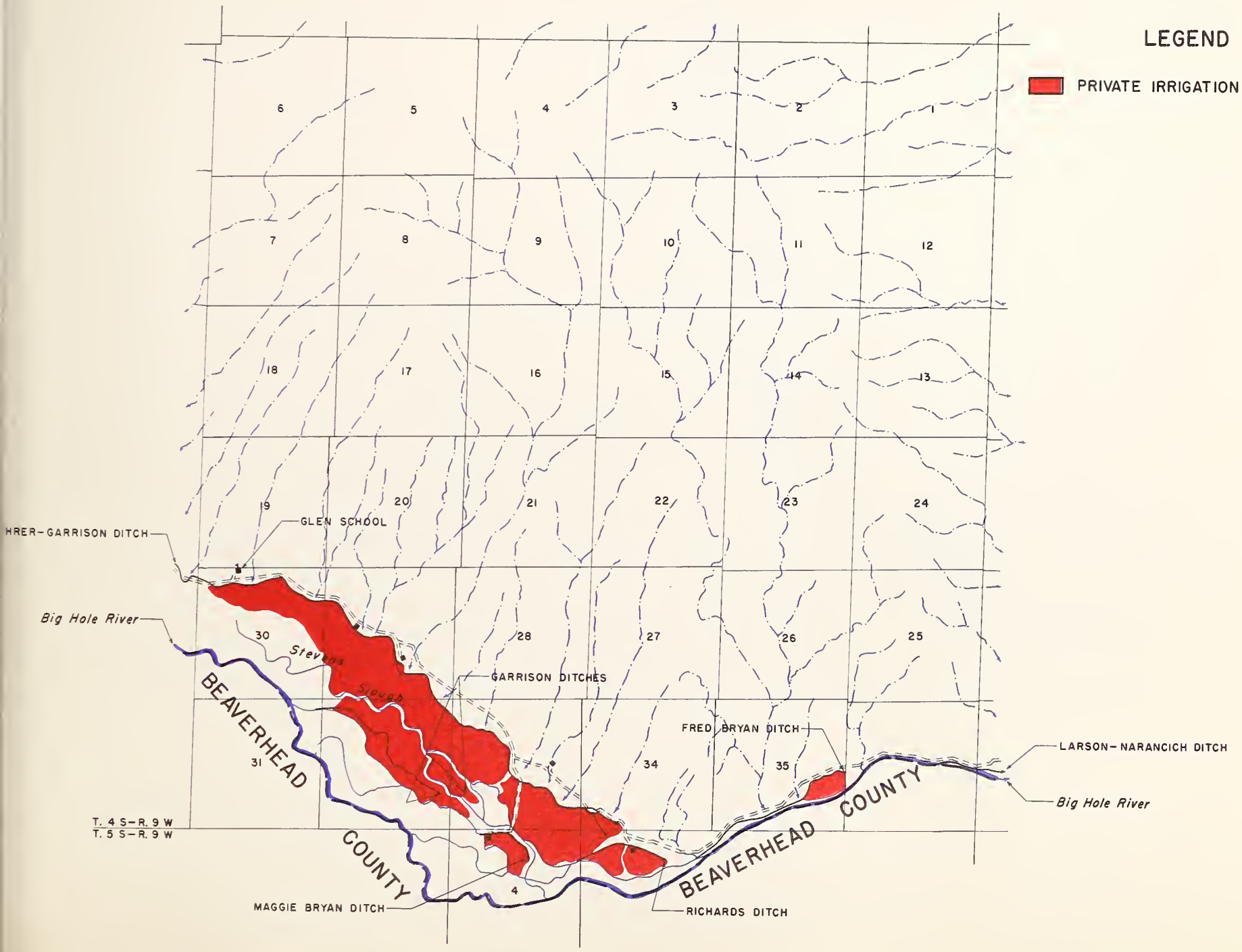

Twp. 4 SOUTH
Rge. 5 WEST
LEGEND
RUBY RIVER WATER USERS ASS'N & PRIVATE IRRIGATION
THREE CREEKS WATER COMPANY
THREE CREEKS WATER COMPANY & PRIVATE IRRIGATION
PRIVATE IRRIGATION
Wisconsin Creek
Nugget Gulch
Wet Georgia Gulch
Booth Gulch
Parson Gulch
SUNNYSIDE DITCH
END OF VIGILANTE CANAL EXTENSION
ED. SCHULZ DITCHES
MALTICK DITCHES
MARSH DITCHES
CAREY DITCH
GREEN DITCHES
THREE CREEKS DITCHES
SCHULZ DITCH
THOMPSON DITCH
NOBLE DITCH
WIGGINS DITCH
L. SCHULZ DITCHES
HALSE DITCHES
HUSSEY DITCHES
SCHULZ WASTE DITCH
BUHL DITCH
HODGES DITCHES
BARTH DITCHES
SHERIDAN
MERIDIAN
GUIDE
JEFFERSON
BRANCH N.P.R.R.
THOMPSON DITCH
BROKSLE-JENKINS DITCH
Broksle Spring
JENKINS DITCH
OSBORN DITCHES
Wisconsin Creek
SON PUMP SITE & DITCHES
CAREY SLOUGH DITCH
'f Fork Leonard Slough
THREE CREEKS DITCH
Leonard Slough
Mill Creek
Mill Creek Slough
TRACE OF DITCH
Ruby River
T. 4 S – R. 6 W
T. 5 S – R. 6 W
JONES DITCH
Ruby River
NELSON DITCH
BARIL-TALTY DITCH
THOMPSON DITCH
DUNCAN-EDELMAN DITCH
BULLERDICK-HYNDMAN-MOULTON DITCH
BRANCH N.P.R.R.
RAYMOND DITCH
DUNCAN-MOULTON-O'MERA DITCH
BULLERDICK DITCH
McCREA DITCH
VIGILANTE CANAL EXTENSION (TO BE COMPLETED JUNE 1, 1955)
PIPE LINE TO CEMETARY
OLD MINING DITCHES
Noble Fork
SCHULZ-WINSLOW DITCH
GODFREY DITCH
DURHAM DITCH
FANNING-THOMPSON-WILSON DITCH
FOSTER-SCHULZ DITCH
Indian Creek
SHERIDAN WATER SUPPLY
REDDING DITCHES
WILSON DITCHES
Brickyard Hollow
MILL DITCH
CITY RESERVOIR & OVERFLOW DITCH
BOCK-HOWE-WILLIS DITCH
ELLINGHOUSE DITCH NO. 1
CISLER-MULLINIX DITCH
Mill Creek
DUNCAN-MOULTON-O'MERA DITCH
EL'SER-TILTON DITCH
McKAY-MULLINIX DITCH
MARSH-NELSON DITCH
ELLINGHOUSE DITCH
MARSH-NELSON DITCH
ELLINGHOUSE DITCH NO. 2


Twp. 4 SOUTH
Rge. 6 WEST
LEGEND
RUBY RIVER WATER USERS ASS'N & PRIVATE IRRIGATION
PRIVATE IRRIGATION
CARSTENSEN-SMITH DITCH
SMITH DITCH
Owsley Slough
SMITH DITCHES
Big Hole River
HARVEY-SEYLER DITCH
SMITH DITCH
Big Hole River
ITLEY-STRANAHAN DITCH
UYIER-STRANAHAN DITCH
MADDOX DITCH
Owsley Slough
SENBREY-MADDOX DITCH
Schoolhouse Slough
AESENBREY-LASICH-MADDOX DITCH
GIEM-LASICH-PEPPERCOFF DITCH
PEPPERCOFF DITCH (NOT IN USE)
REDFIELD-NOVICH-DILLET-PEPPERCOFF DITCH
CARRIER USED FOR PAGEVILLE CANAL WATER
STANOVICH WASTE DITCH
BAKER DITCH
JONES DITCH
alifornia Slough
BAKER DITCH
KEUGHAN DITCH (NOT IN USE)
Beoverhead River
T. 4 S - R. 7 W
T. 5 S - R. 7 W
MULE SHOE DITCH
MERCER DITCH (NOT IN USE)
Beoverhead River
DILLET-SMITH DITCH
DILLET WASTE DITCH
GRAY DITCH
DILLET DITCH
REID
Ruby
T. HOLT DITCHES
M. HOLT DITCHES
Creek
EASTMAN
SEYLER DITCHES
Jacobs Slough
HARVEY DITCHES
SEYLER-TASH DITCH
N.P.R.R.
LEWIS-JENKINS DITCH
THOMPSON DITCH
FRITELER DITCH
SPINNER DITCH
GALAHAN DITCH
River
SEIDENSTICKER DITCH
SMITH DITCH
GUM BOOT THOMAS DITCH
ELLIS-THOMAS DITCH
TRACE OF DITCHES
BROKSLE DITCH
SARGE HALL DITCH
MERIDIAN
N.P.R.R.
THOMPSON DITCH
JENKINS DITCH
Wisconsin Creek
GUIDE
SMITH-RICHMOND DITCH
Left Fork Leonard Slough
Leonard Slough
BARNOWSKY DITCH
LEWIS-JENKINS DITCH
Mill Creek
JEFFERSON
Mill Creek Slough
TRACE OF DITCH
Ruby River

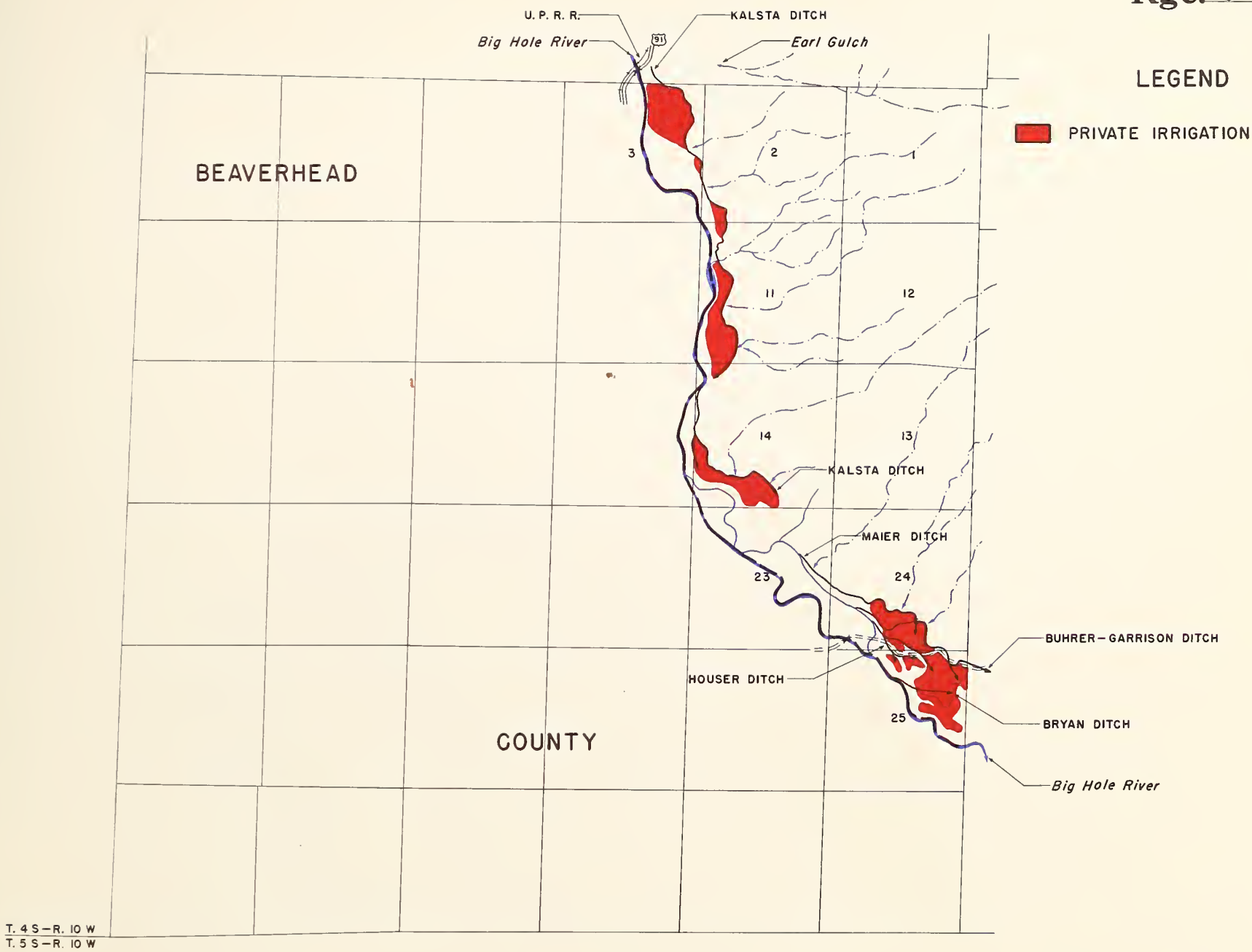
Twp. 4 SOUTH
Rge. 7 WEST



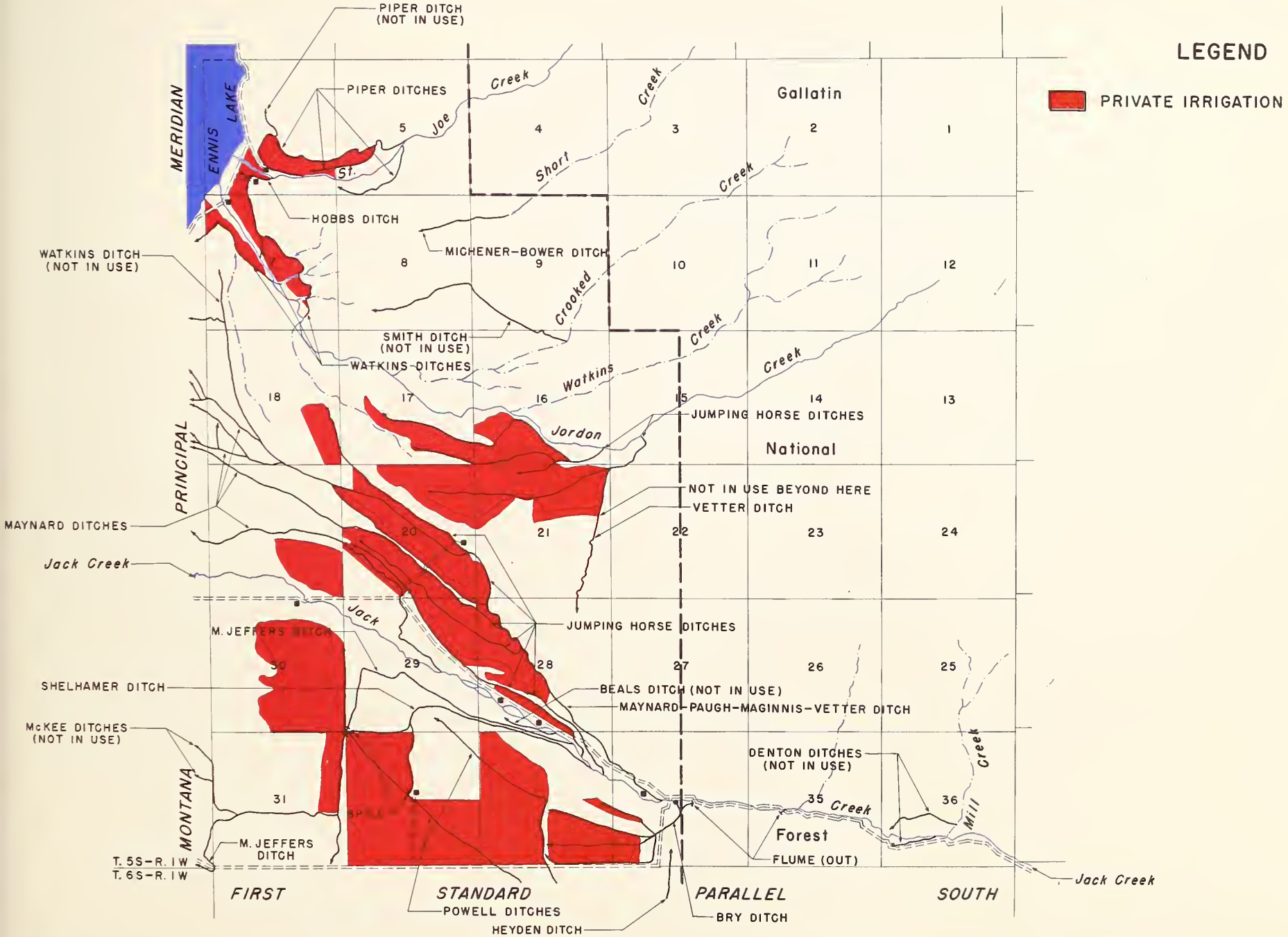
Twp. 4 SOUTH
Rge. 8 WEST



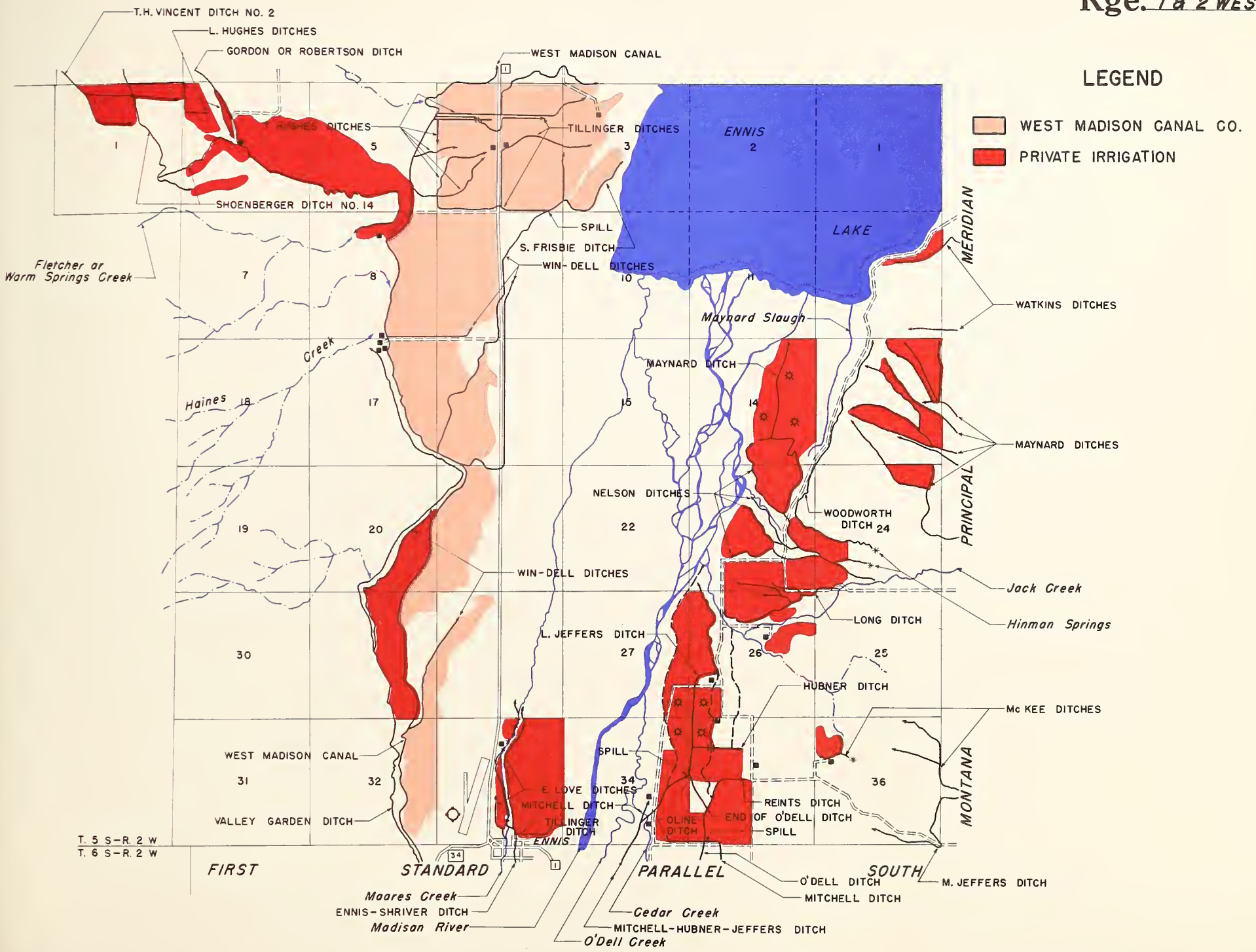
Twp. 4 SOUTH
Rge. 9 WEST



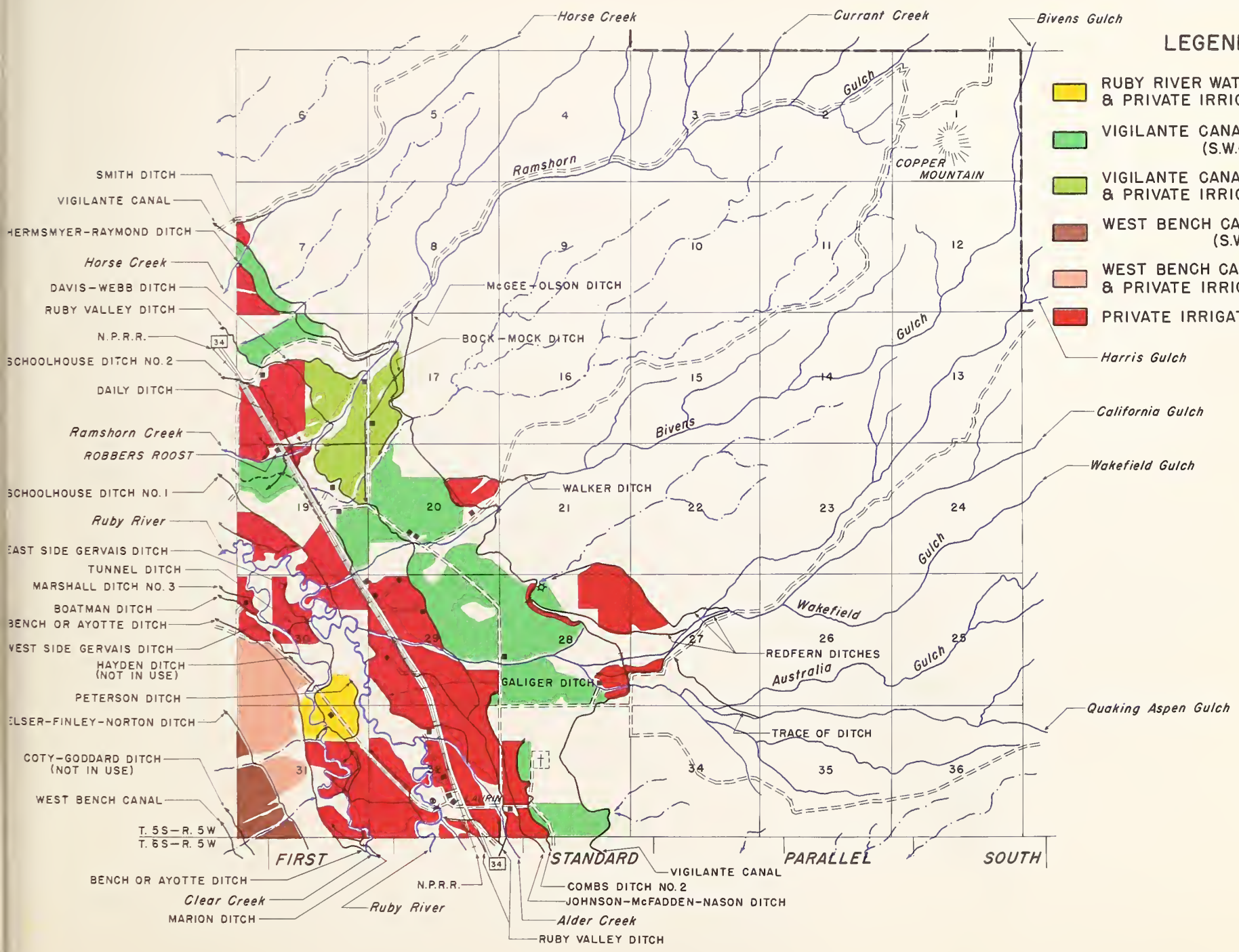
Twp. 5 SOUTH
Rge. 1 EAST



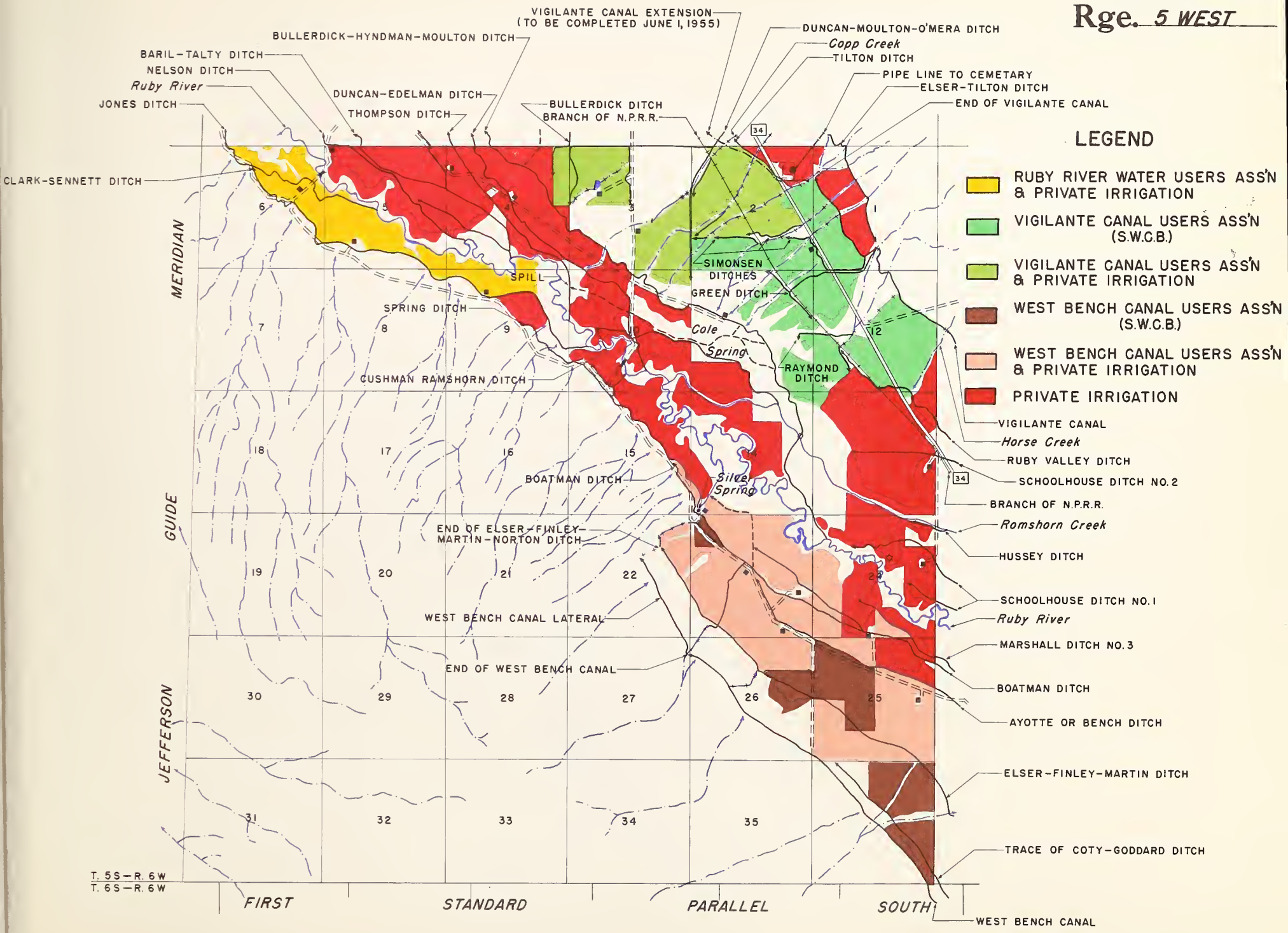
Twp. 5 SOUTH
Rge. 1 & 2 WEST



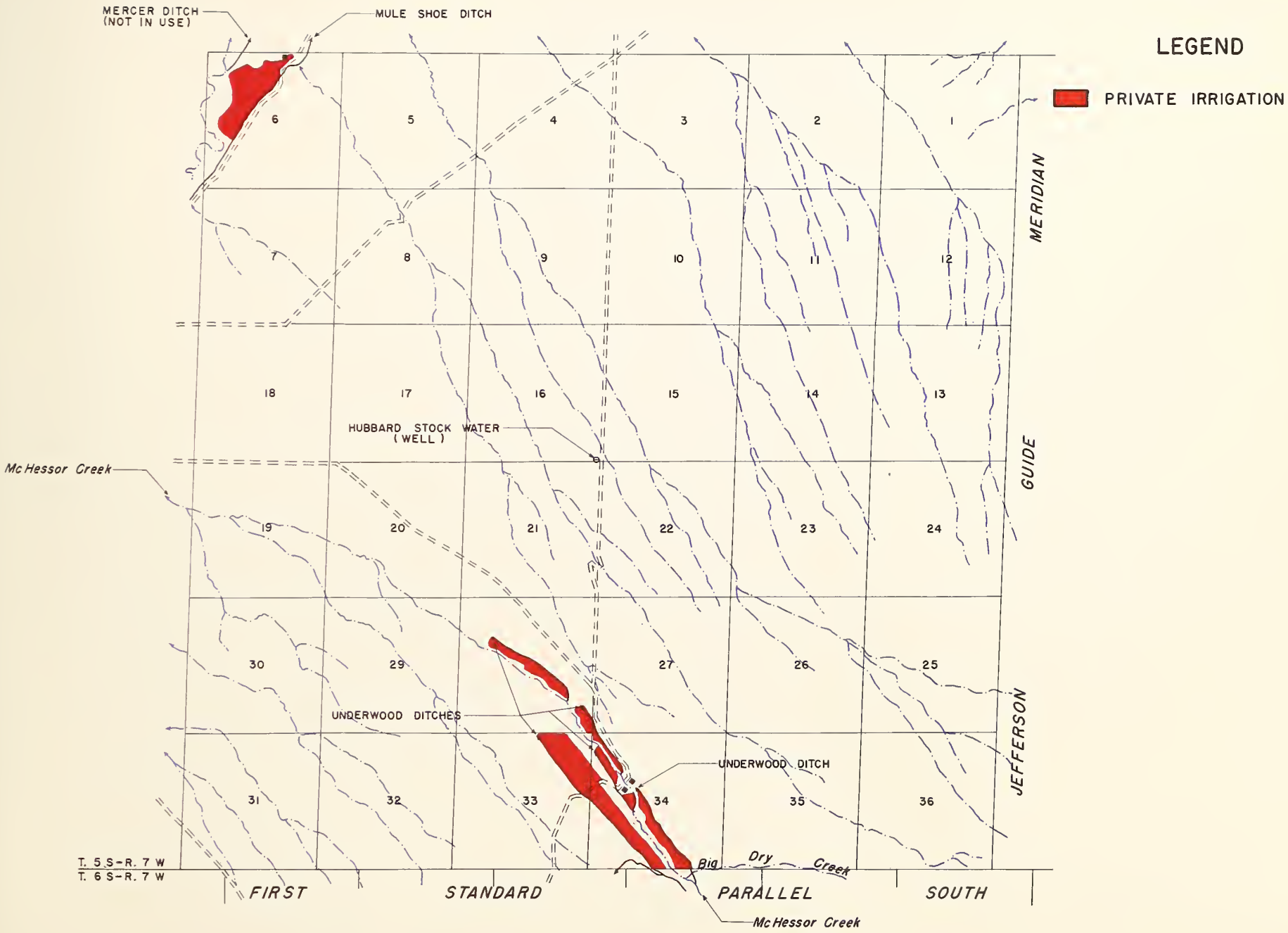
Twp. 5 SOUTH
Rge. 4 WEST



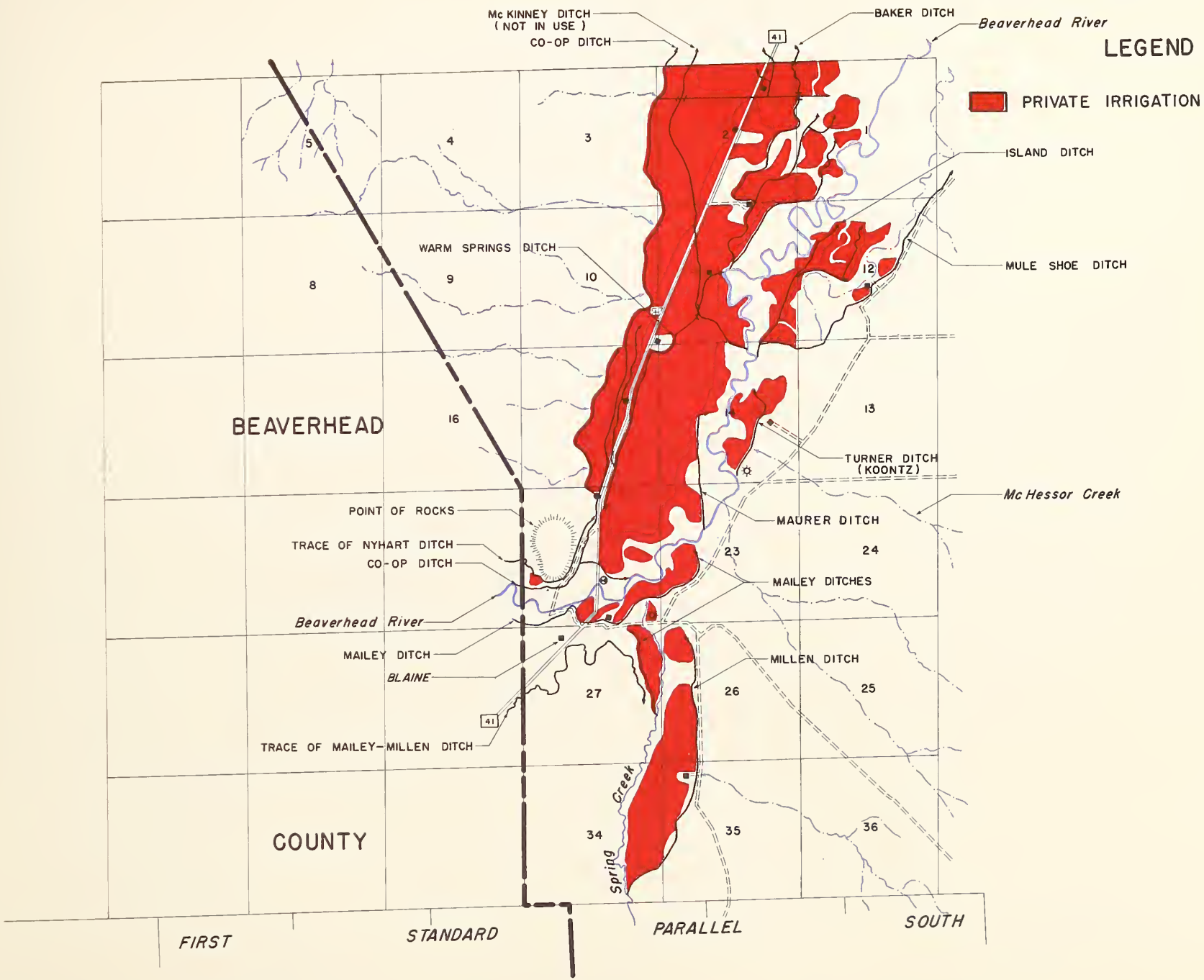
Twp. 5 SOUTH
Rge. 5 WEST



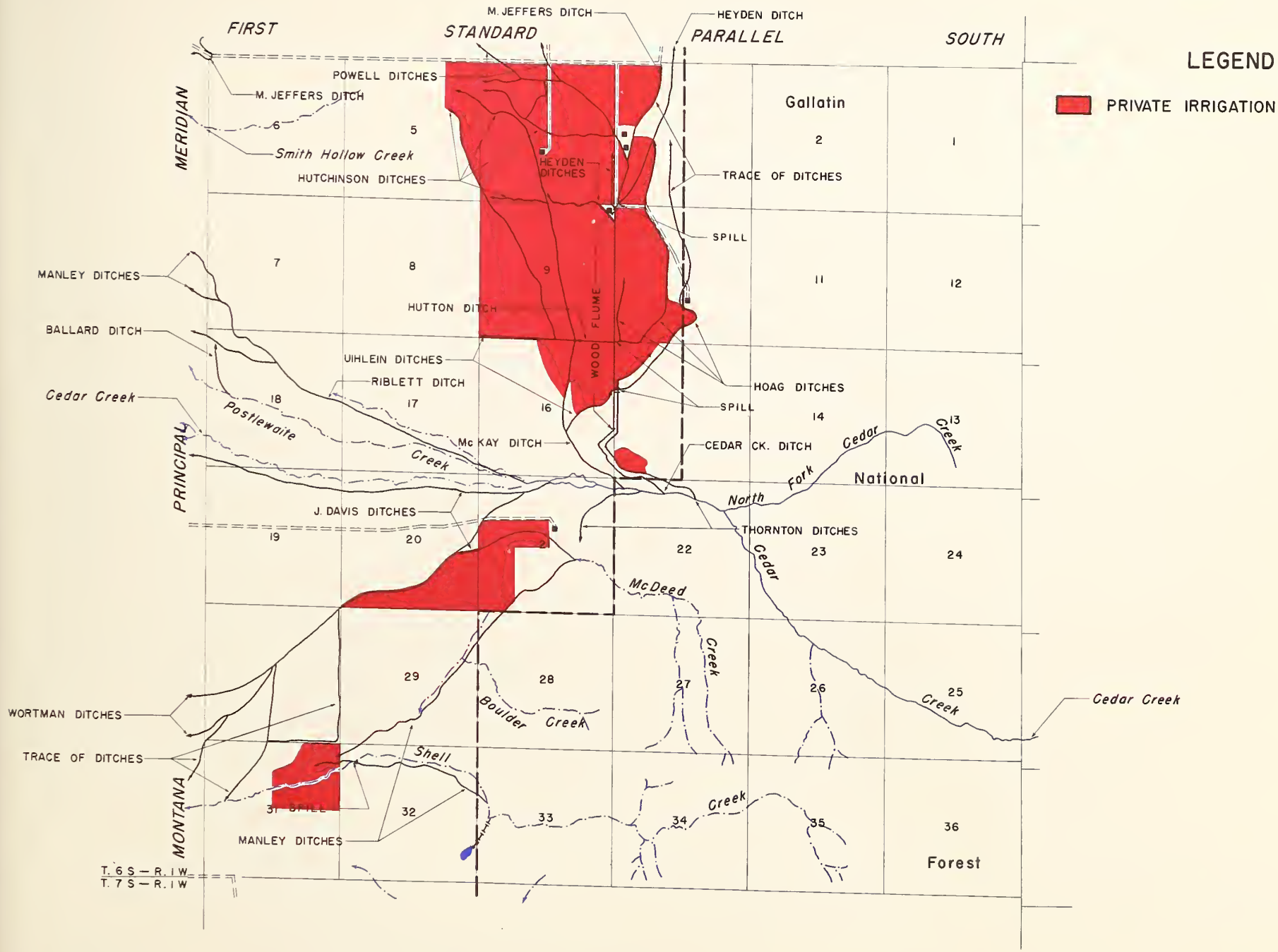
Twp. 5 SOUTH
Rge. 6 WEST



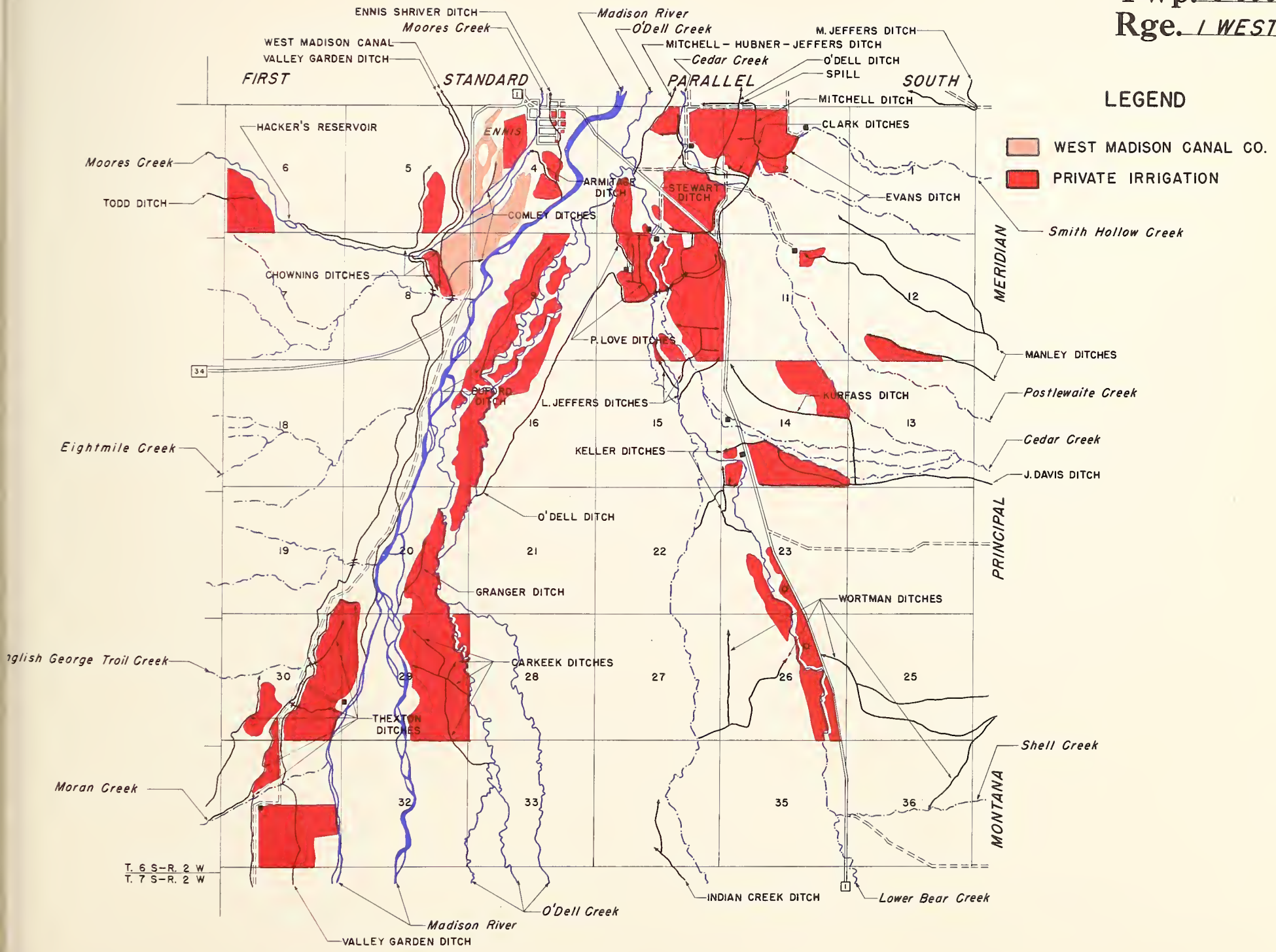
Twp. 5 SOUTH
Rge. 7 WEST



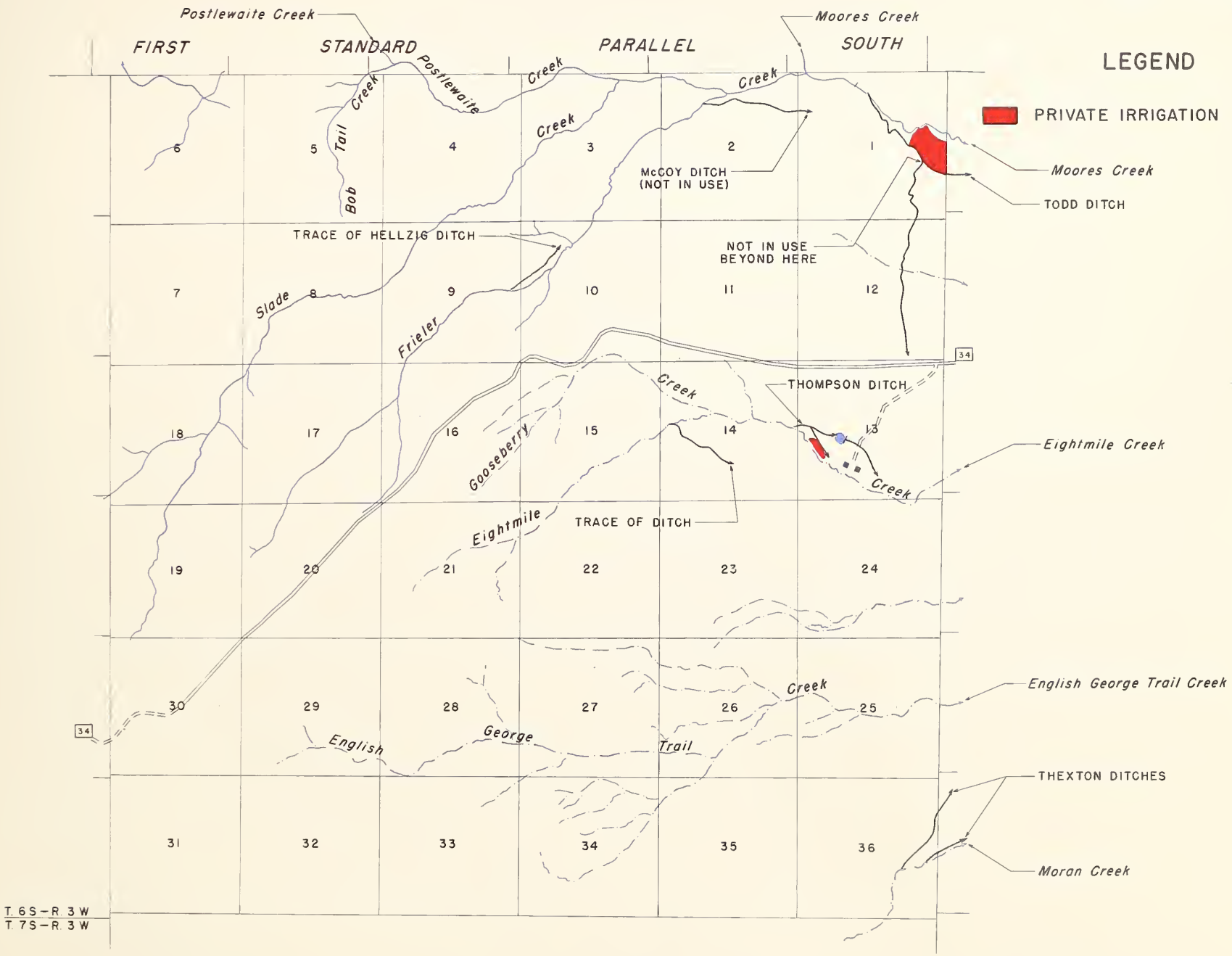
Twp. 6 SOUTH
Rge. 1 EAST



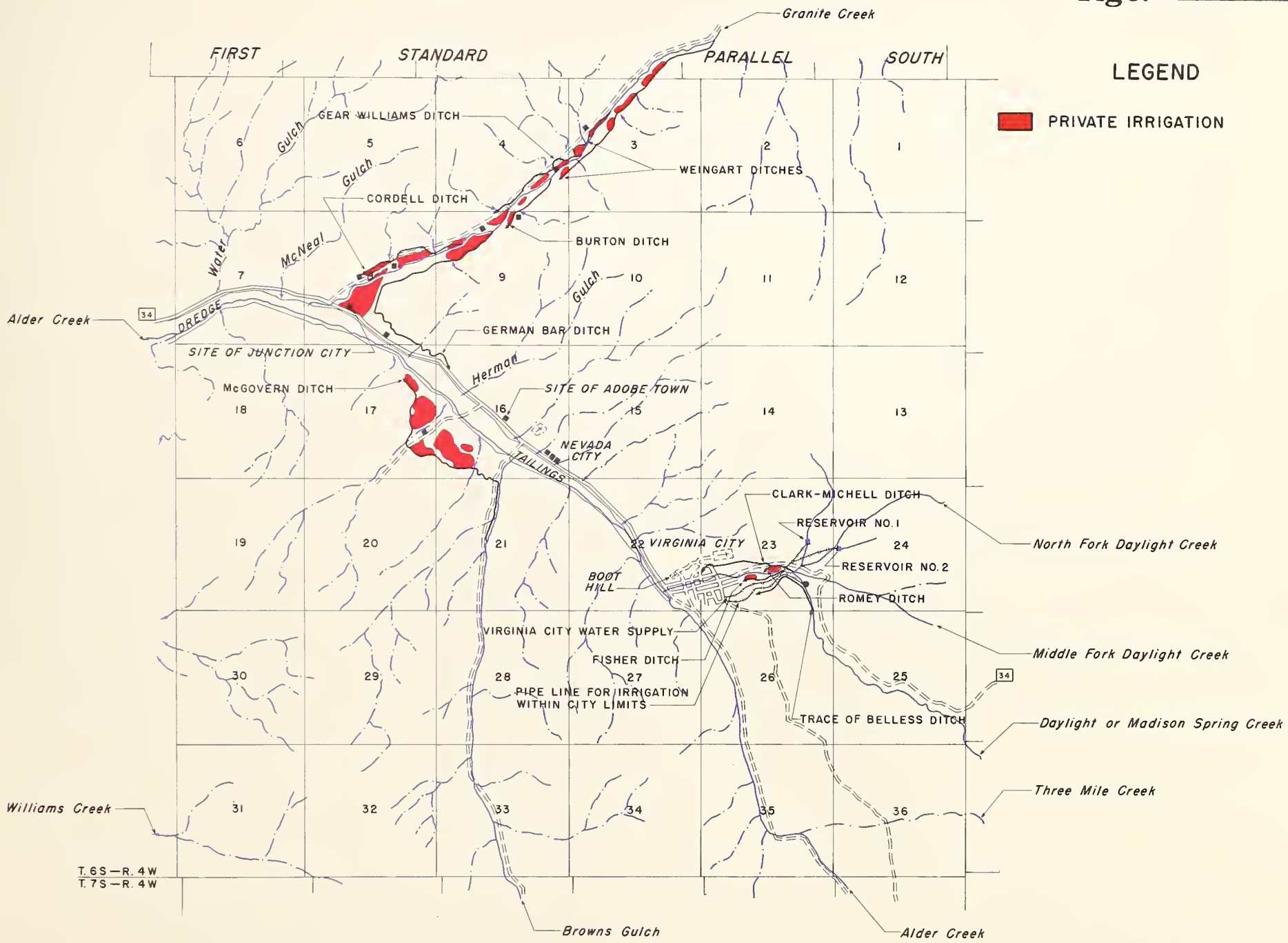
Twp. 6 SOUTH
Rge. 1 WEST



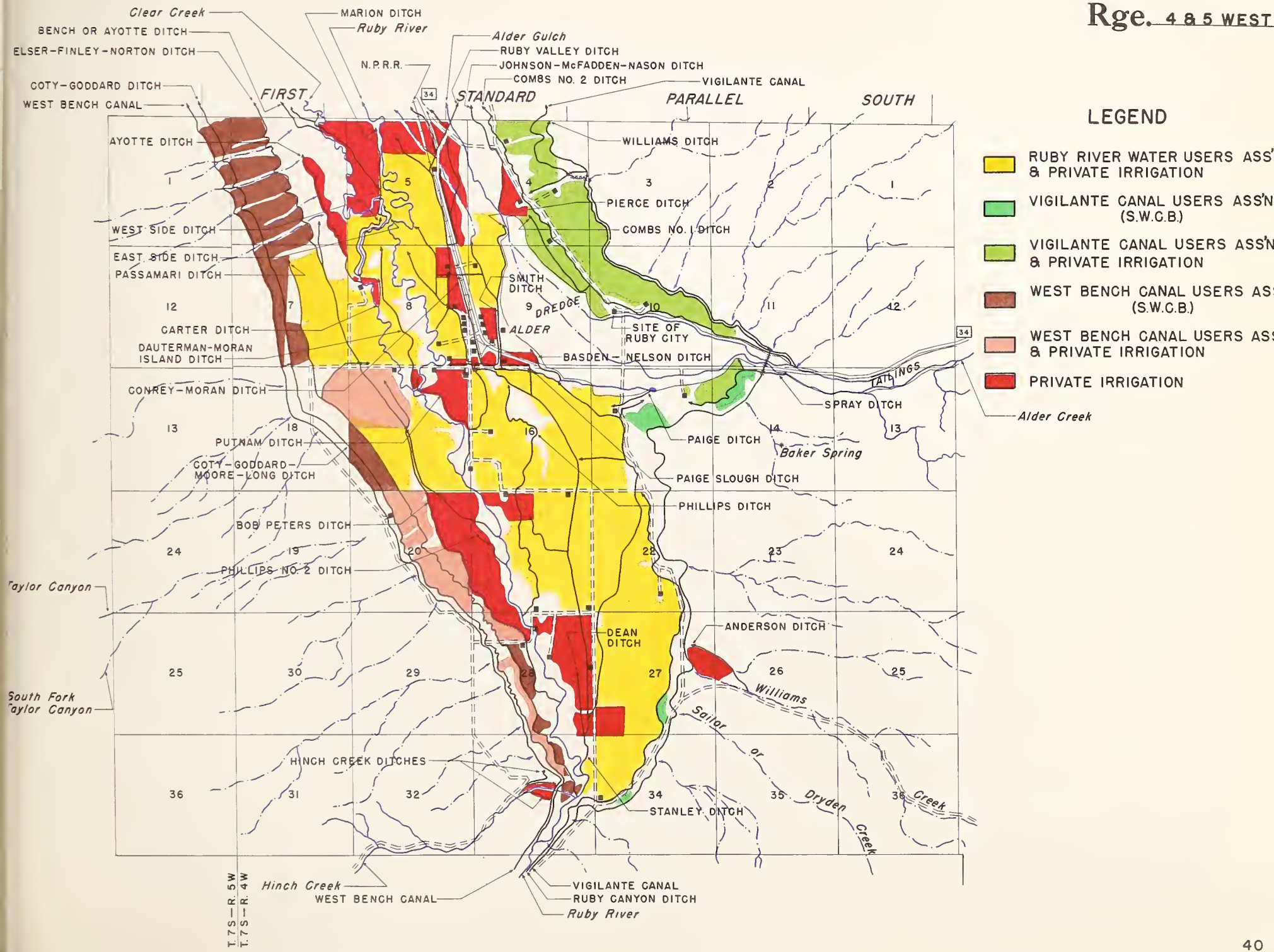
Twp. 6 SOUTH
Rge. 2 WEST



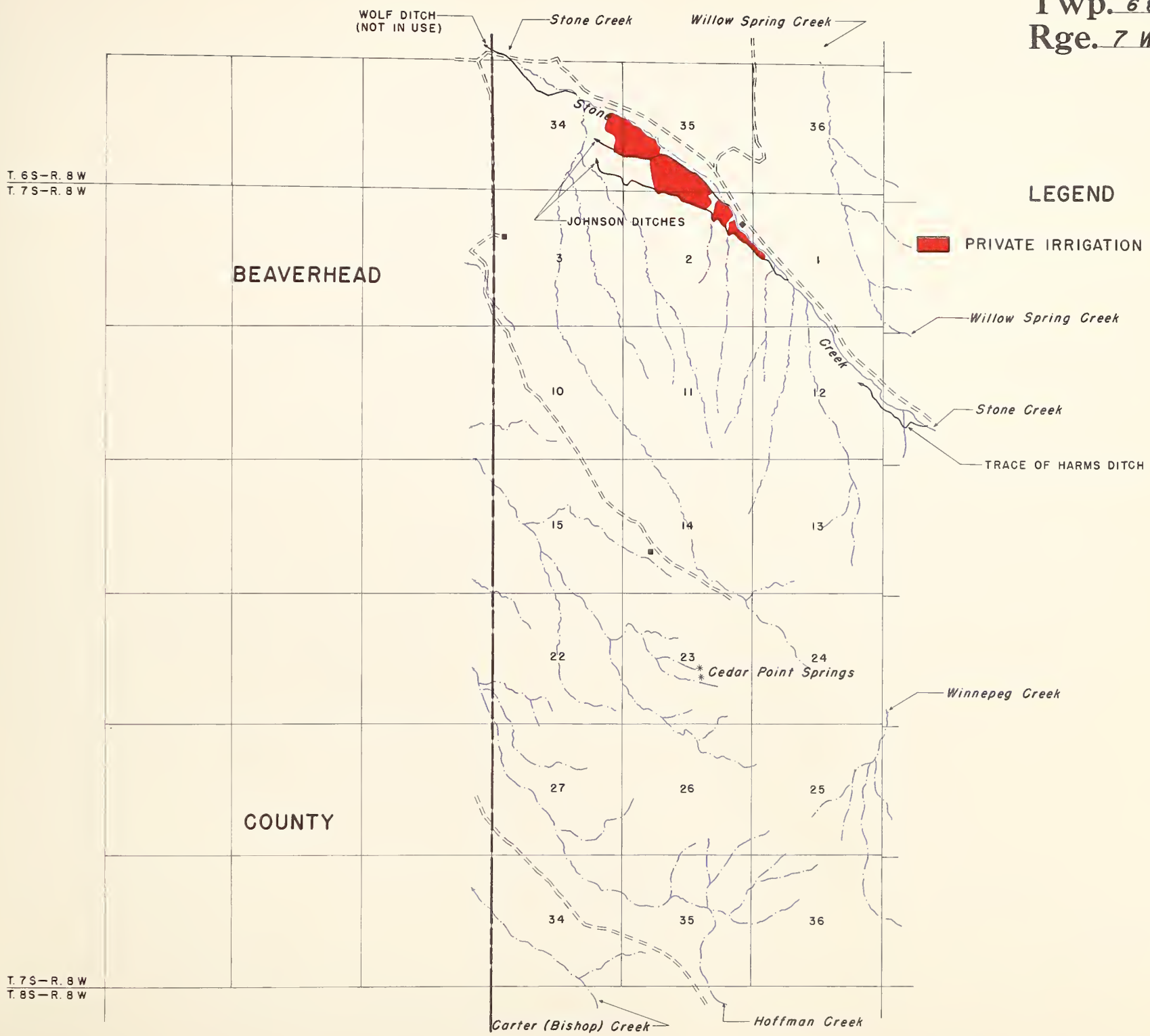
Twp. 6 SOUTH
Rge. 3 WEST



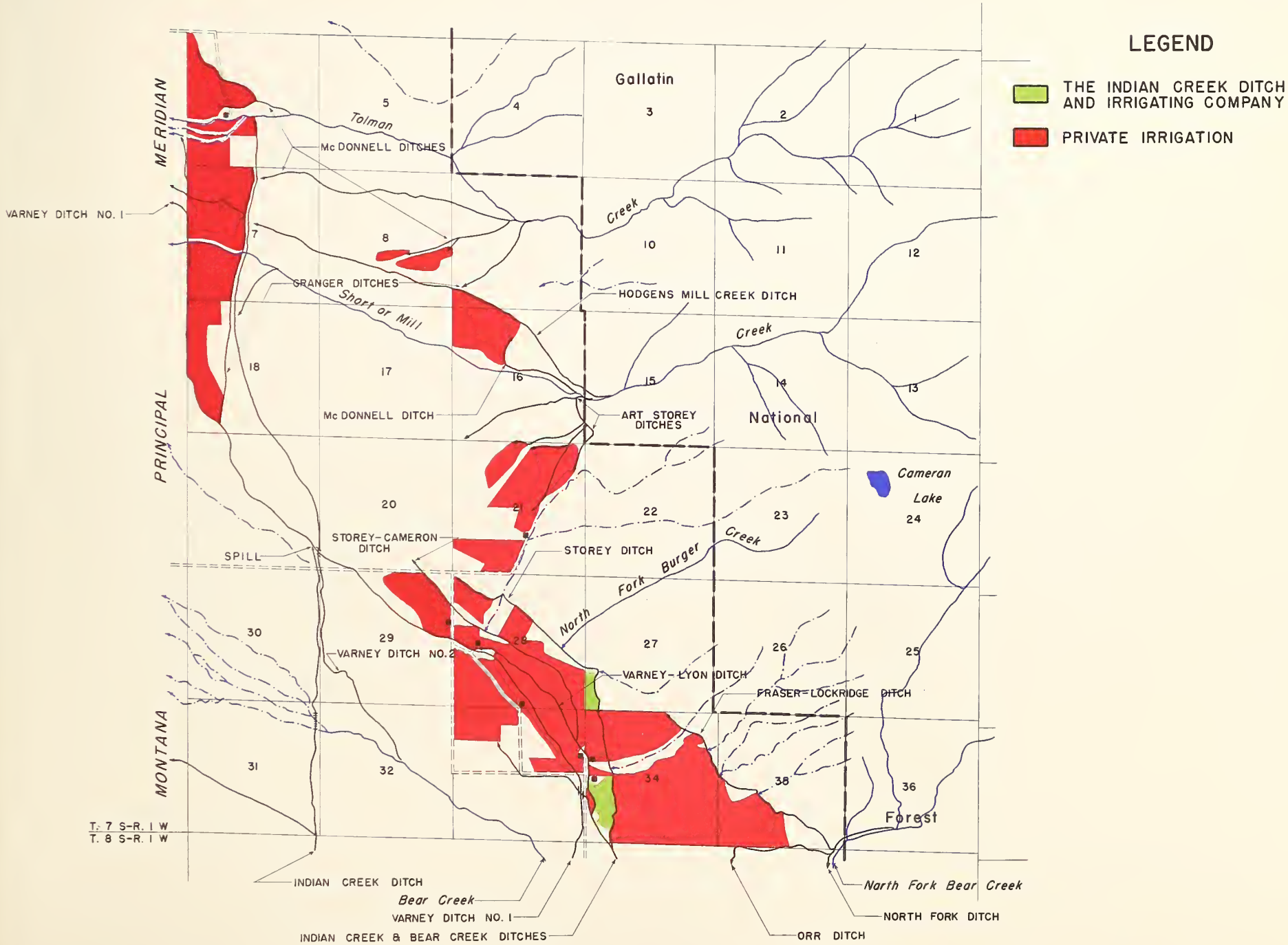
Twp. 6 SOUTH
Rge. 4 & 5 WEST



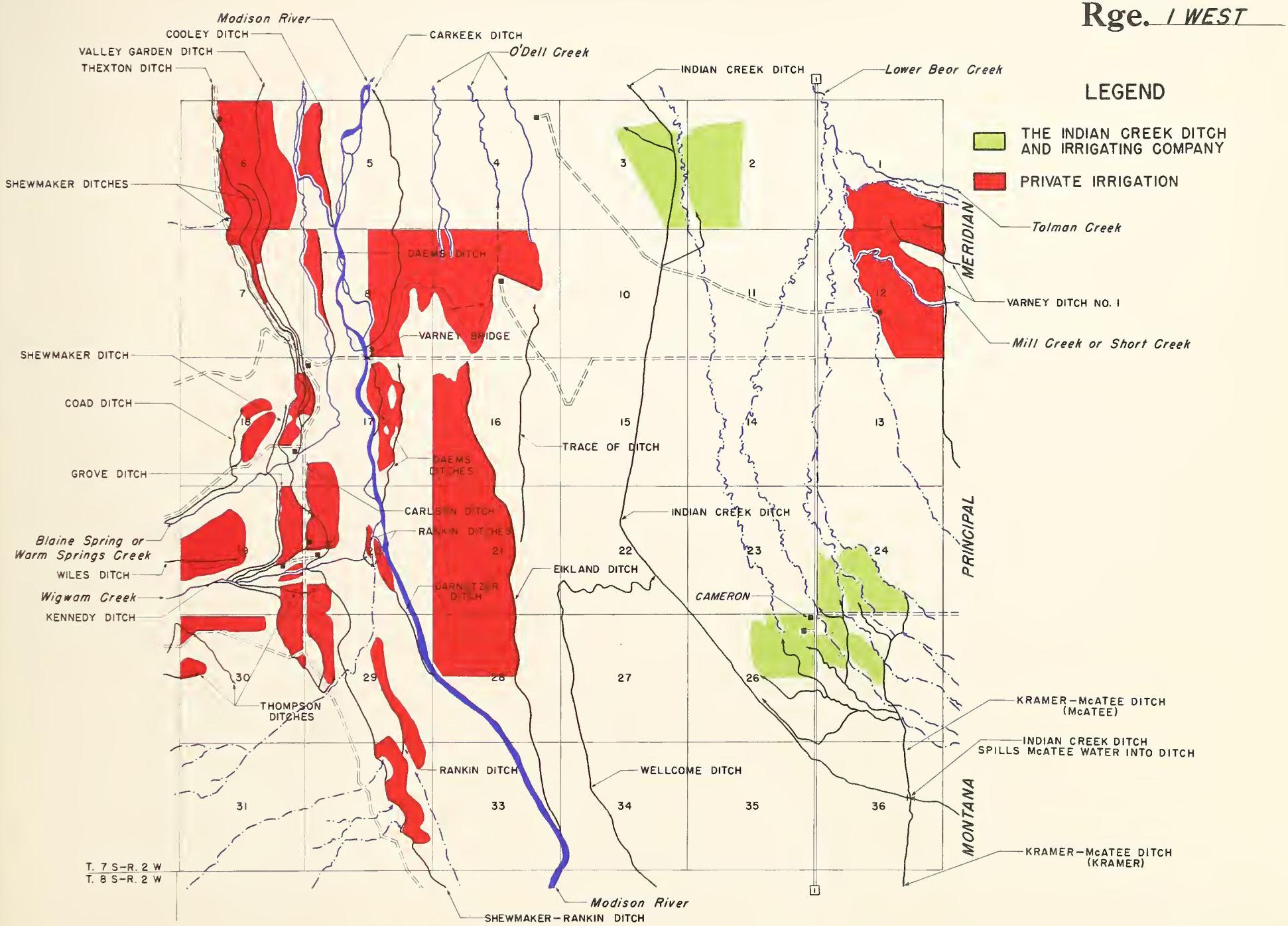
Twp. 6 & 7 SOUTH
Rge. 7 WEST



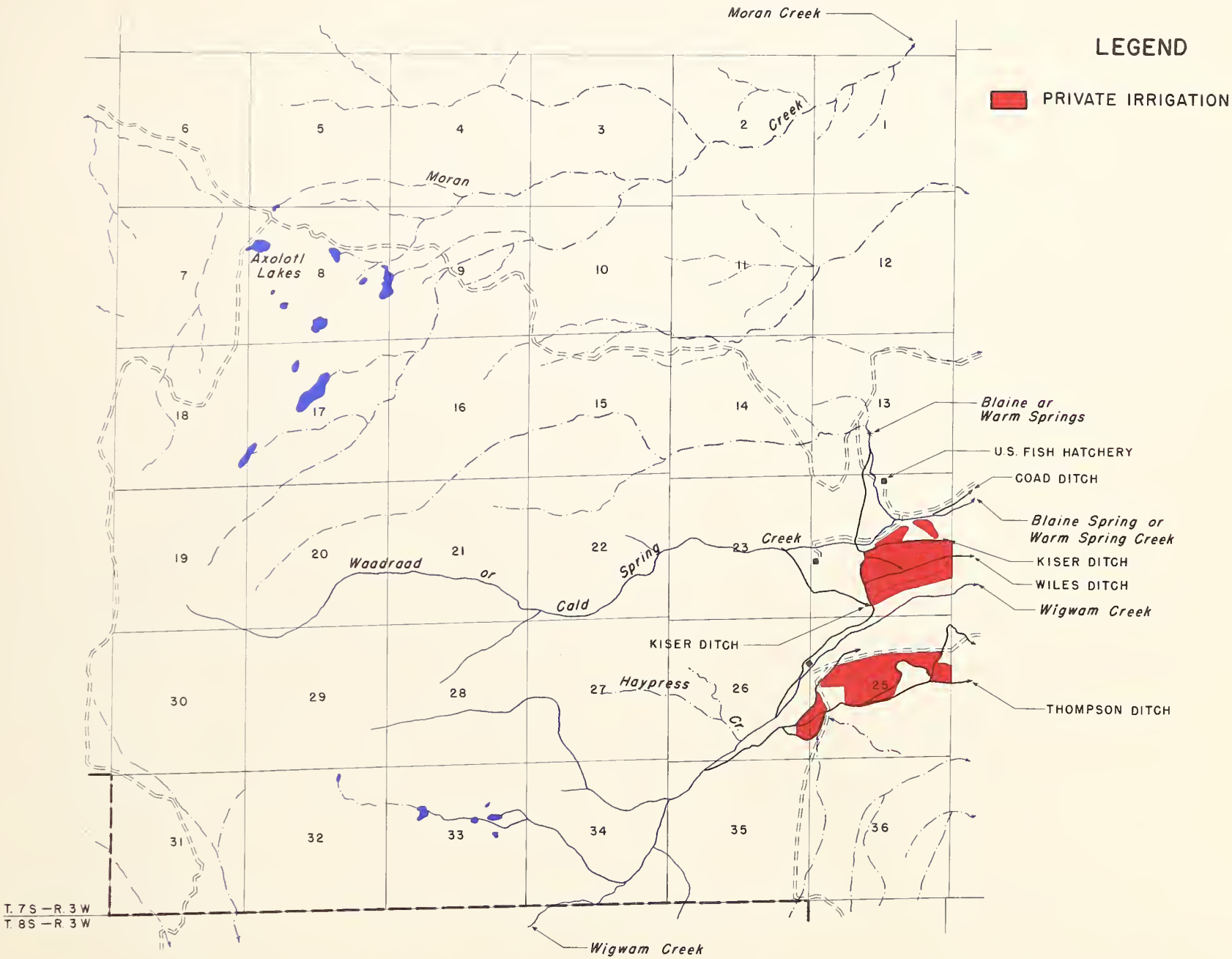
Twp. 7 SOUTH
Rge. 1 EAST



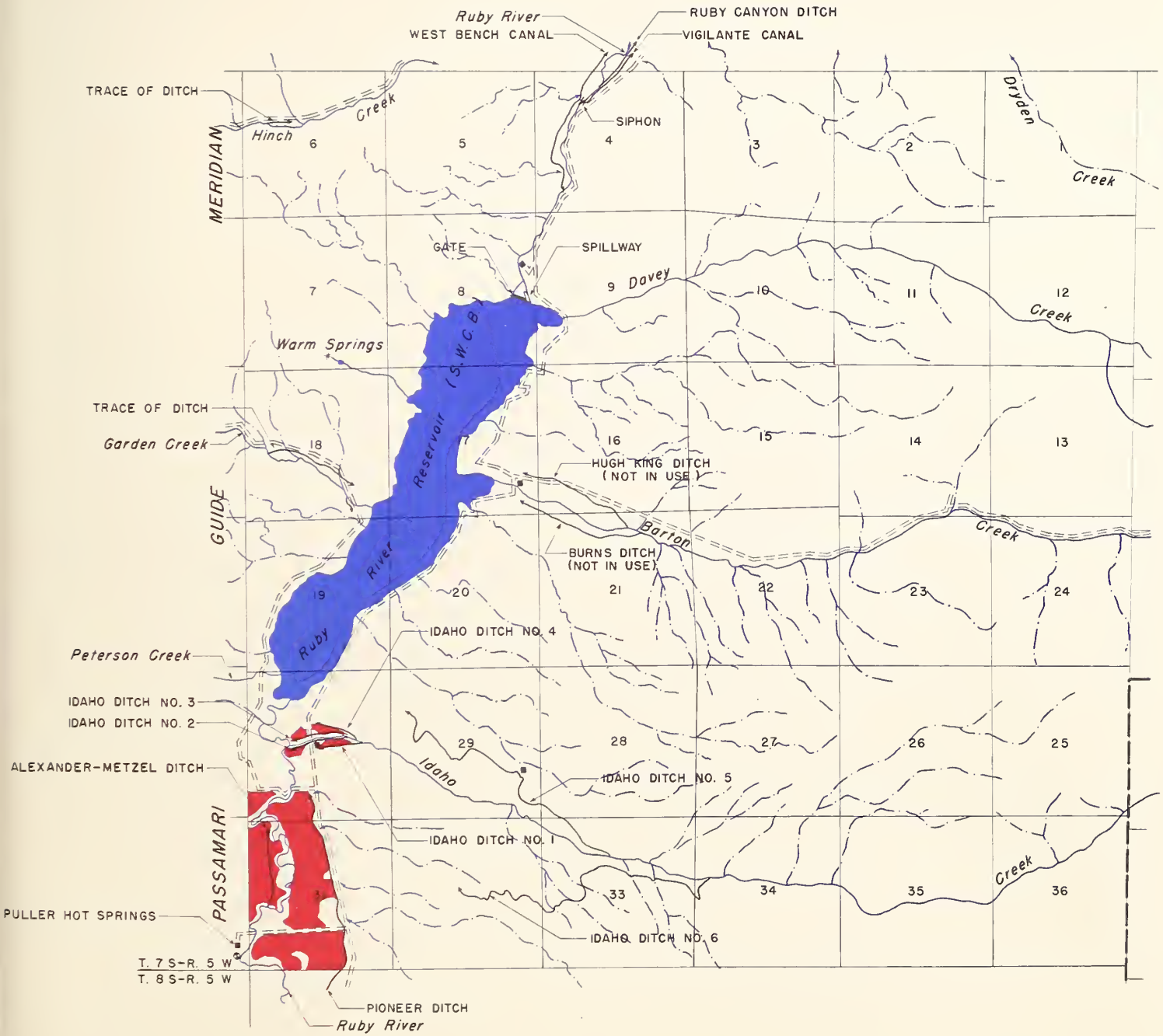
Twp. 7 SOUTH
Rge. 1 WEST



Twp. 7 SOUTH
Rge. 2 WEST



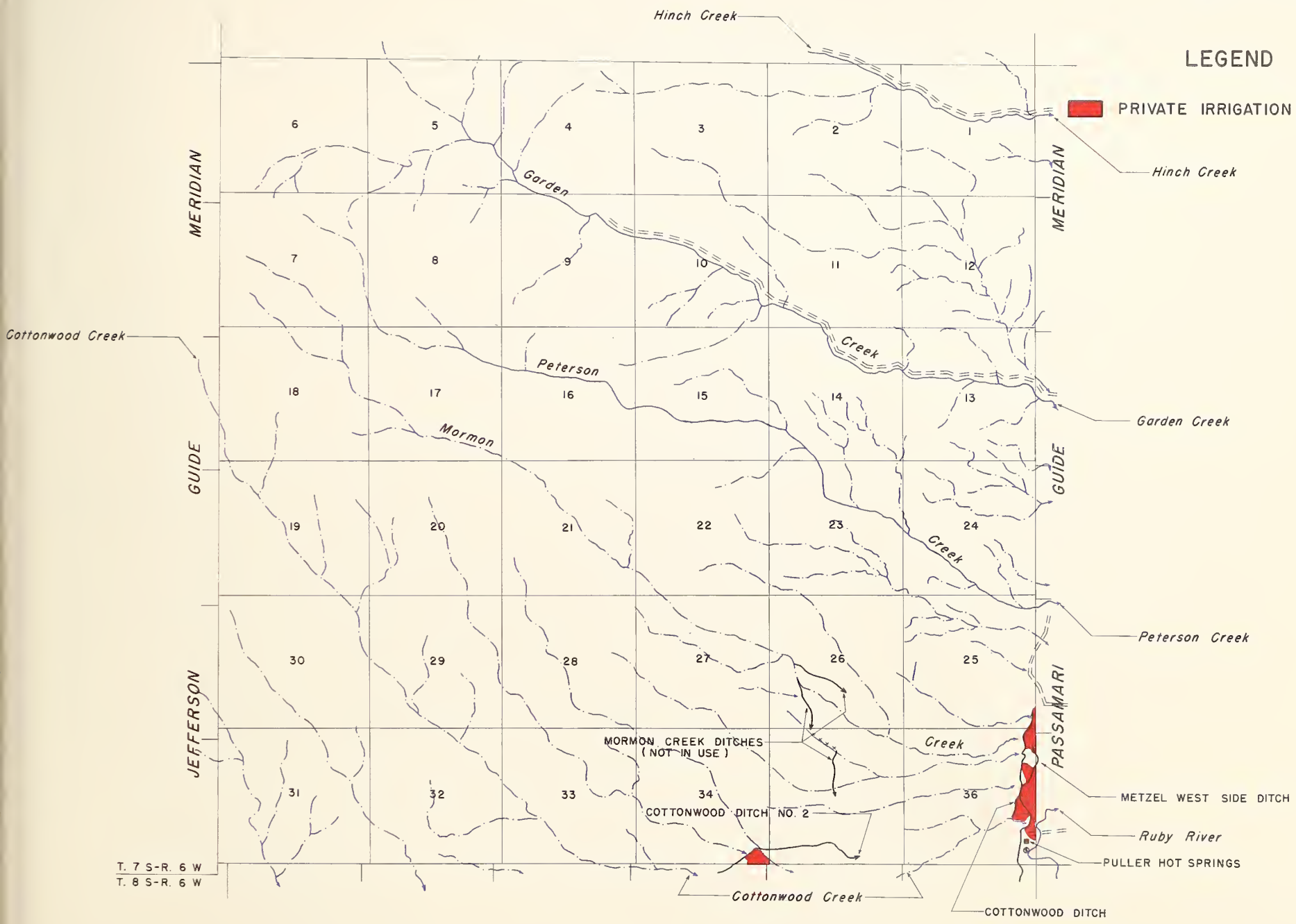
Twp. 7 SOUTH
Rge. 4 WEST



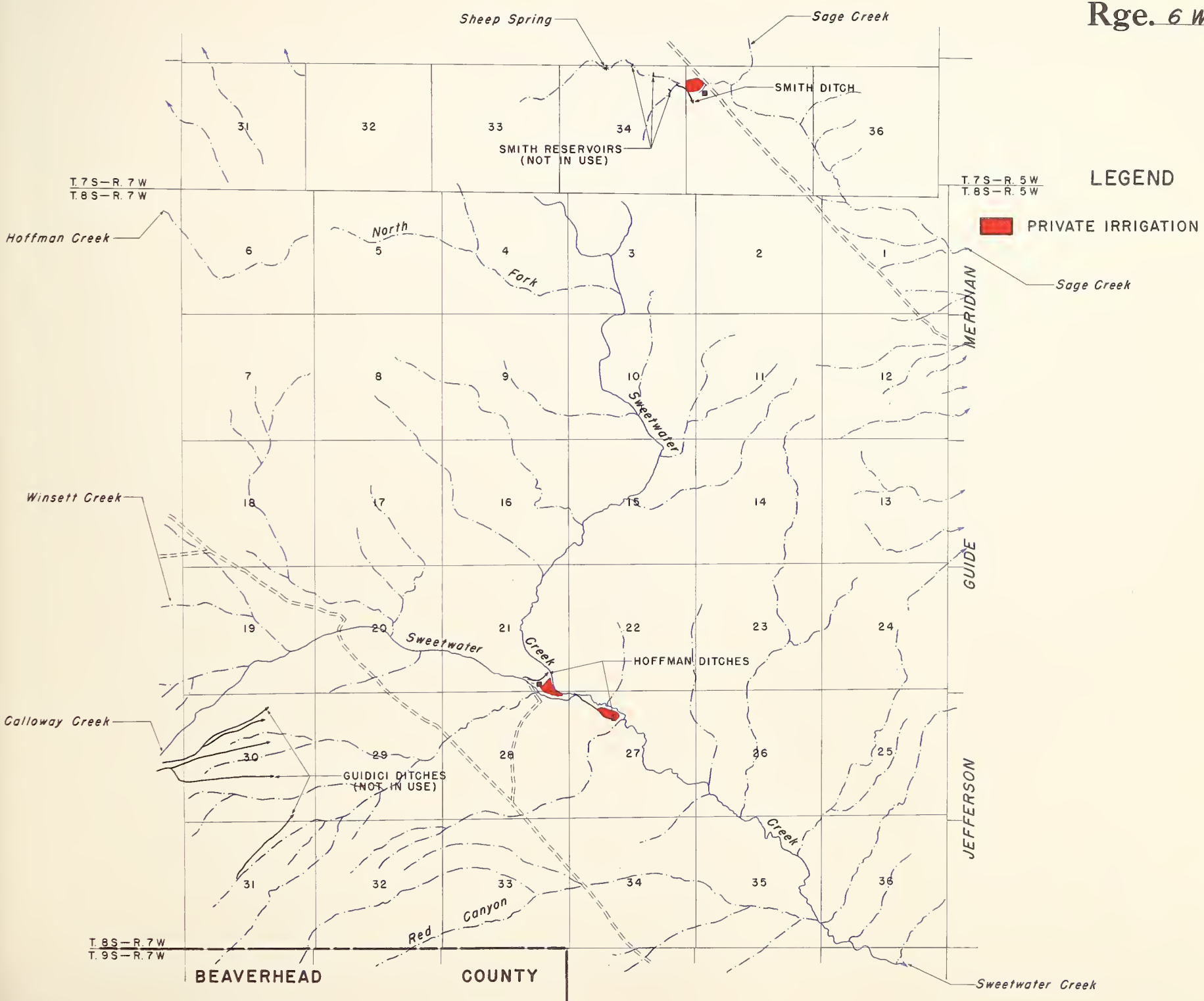
LEGEND

PRIVATE IRRIGATION

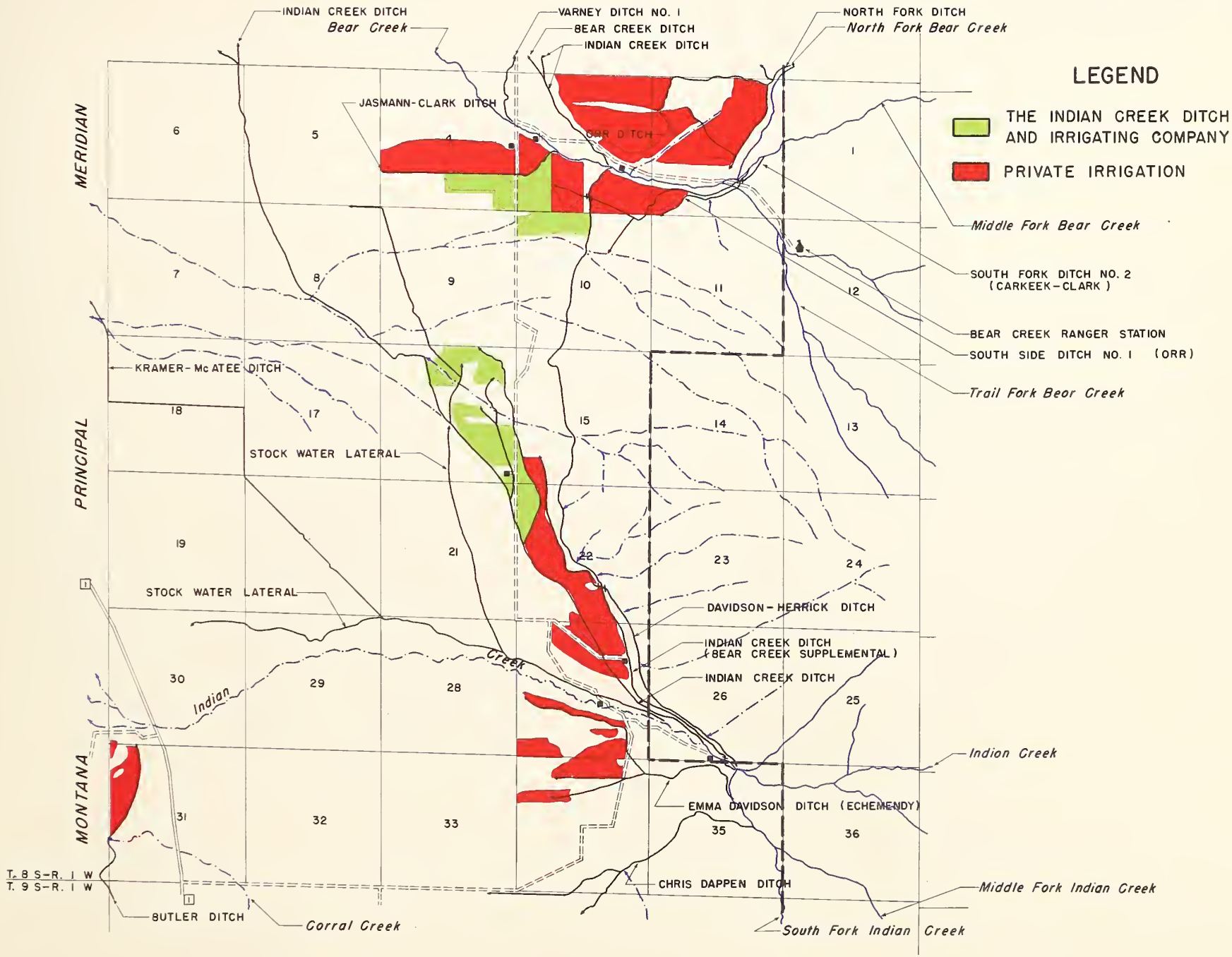
Twp. 7 SOUTH
Rge. 5 WEST



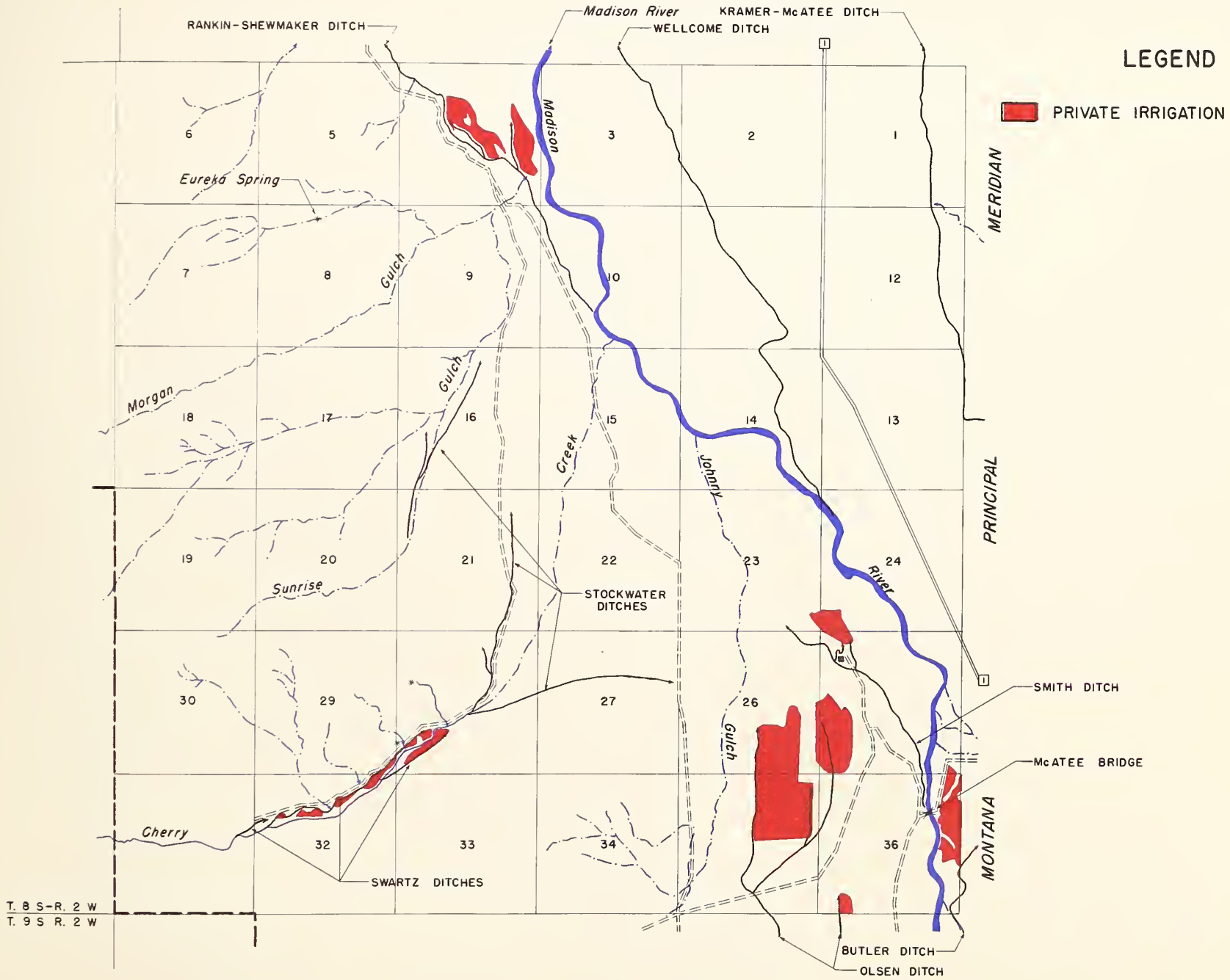
Twp. 7 & 8 SOUTH
Rge. 6 WEST



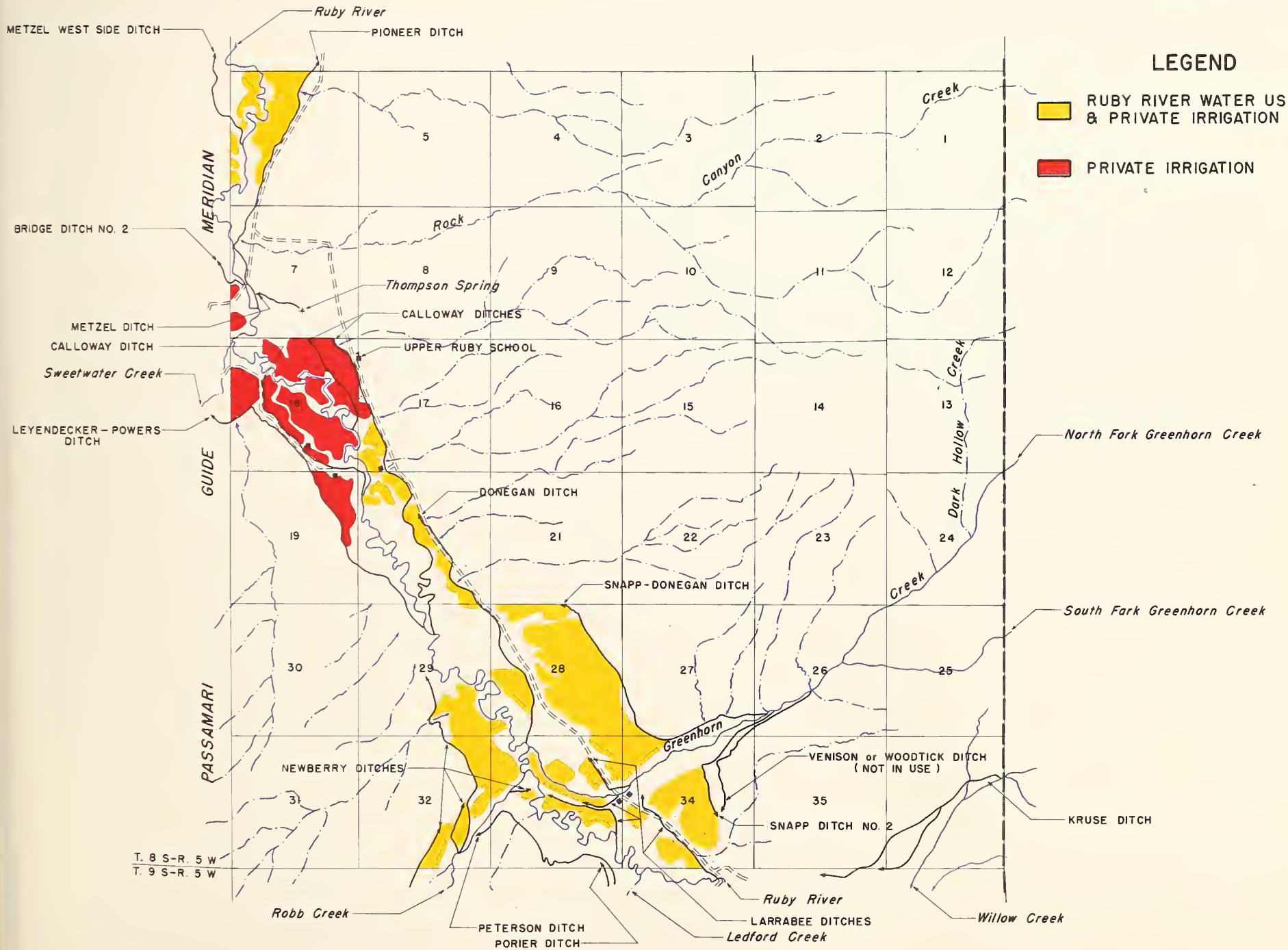
Twp. 8 SOUTH
Rge. 1 EAST



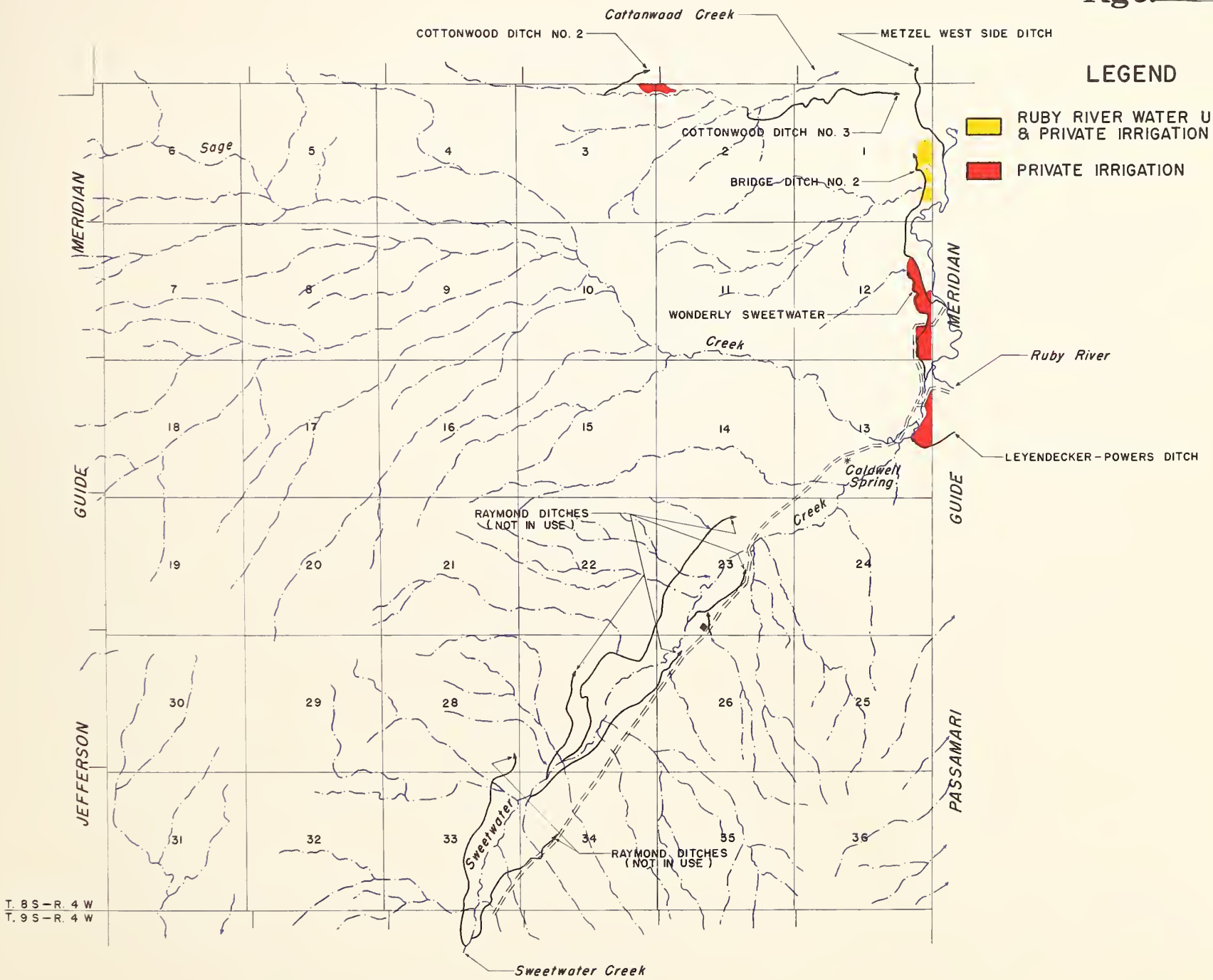
Twp. 8 SOUTH
Rge. 1 WEST



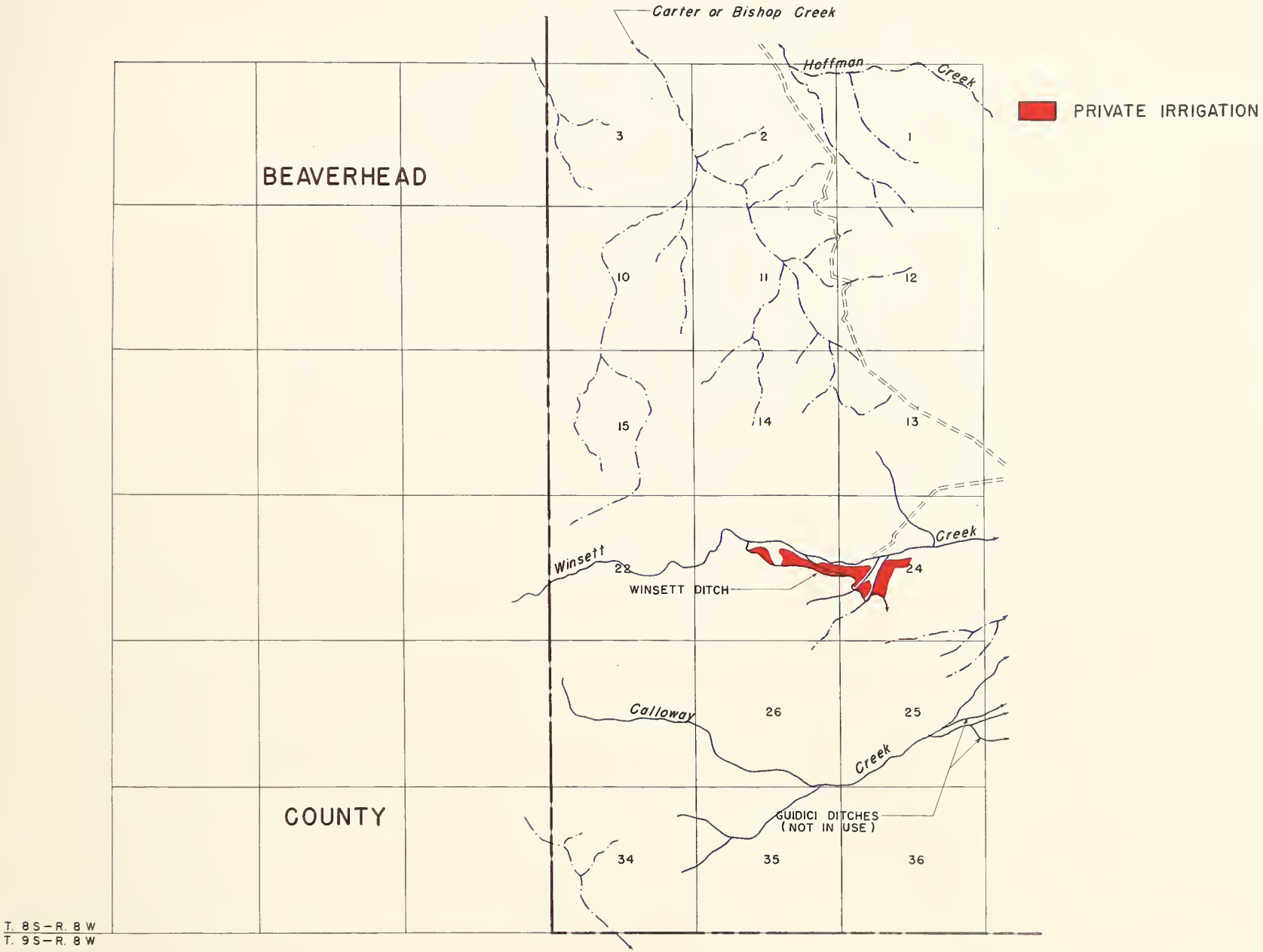
Twp. 8 SOUTH
Rge. 4 WEST



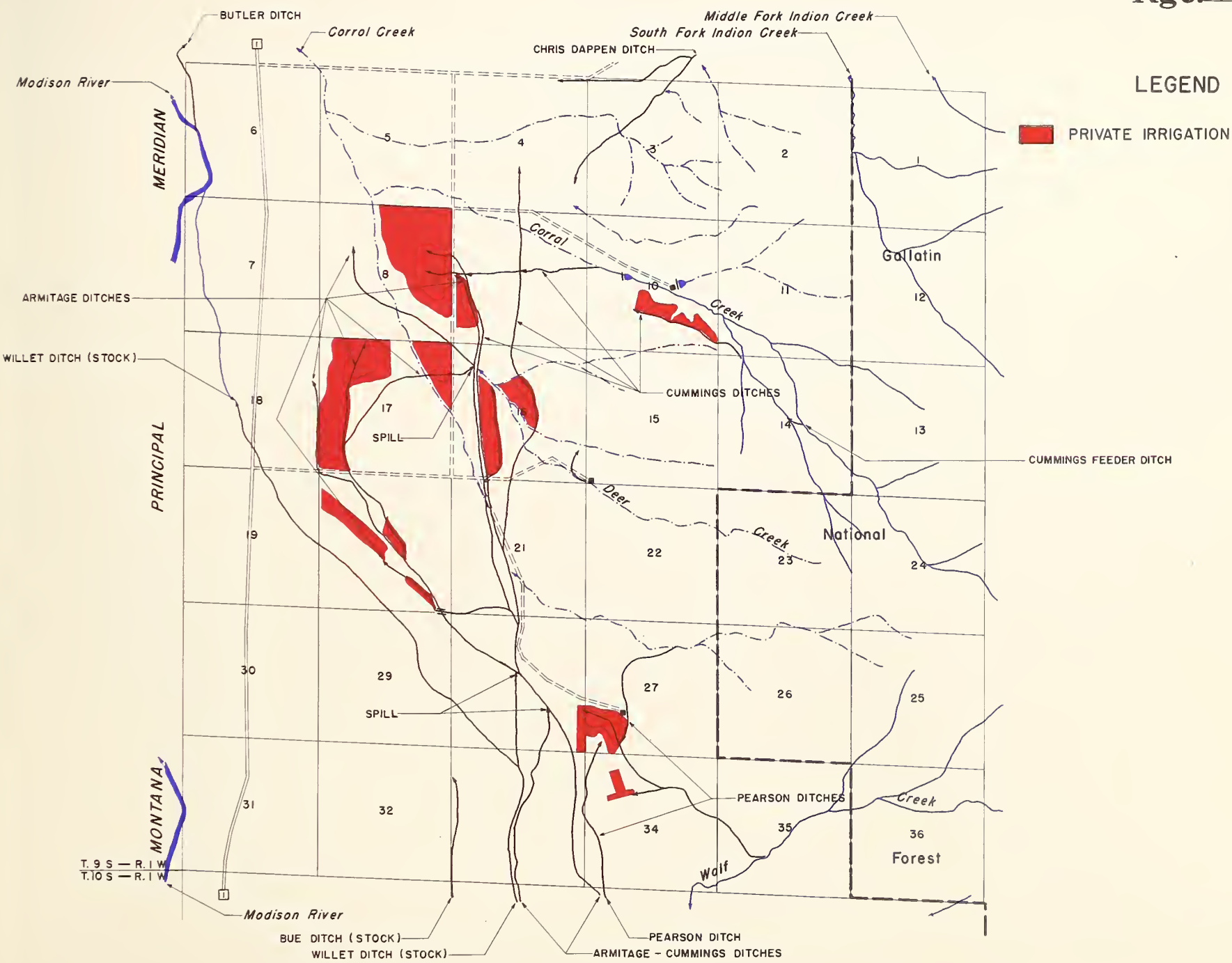
Twp. 8 SOUTH
Rge. 5 WEST



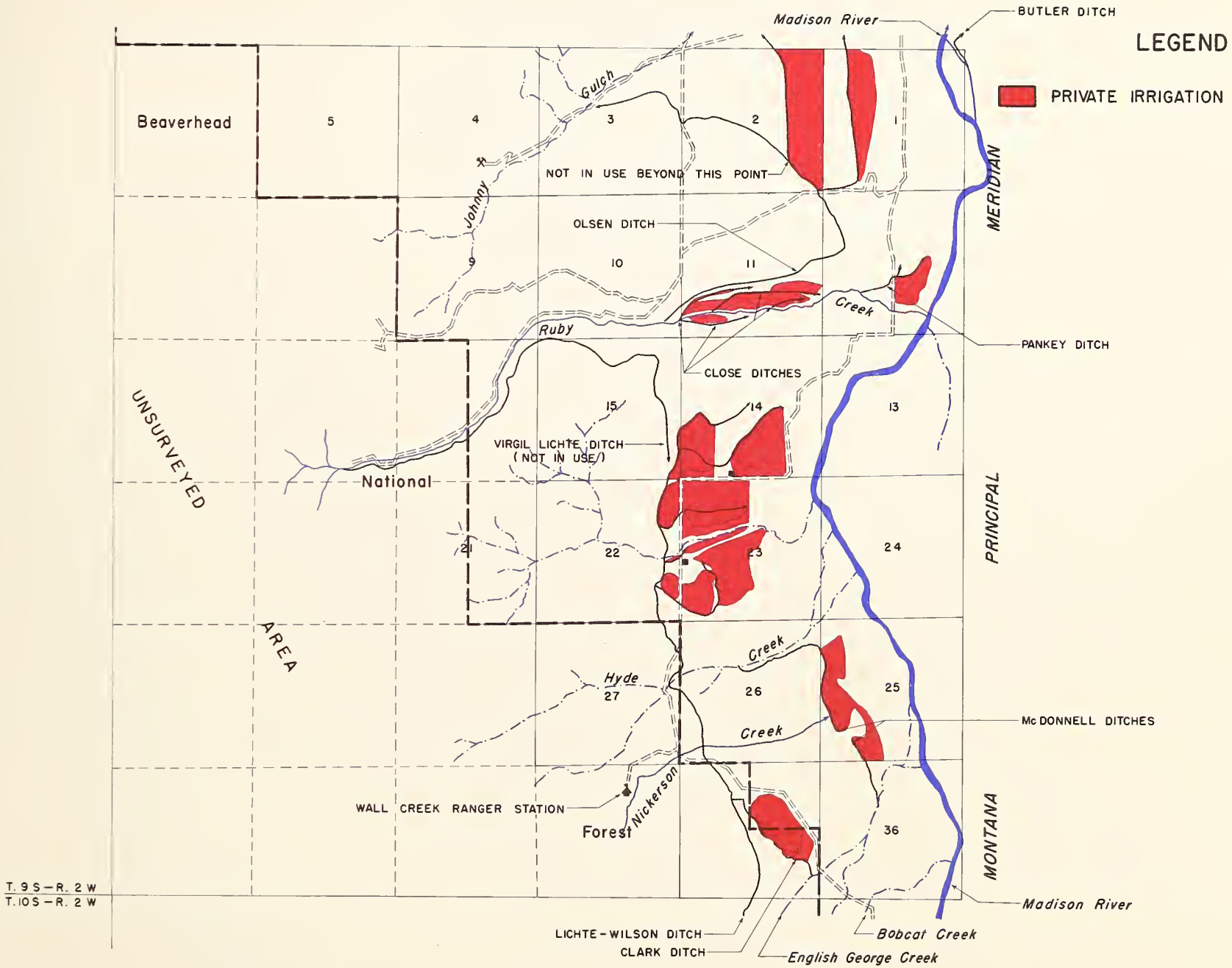
Twp. 8 SOUTH
Rge. 7 WEST



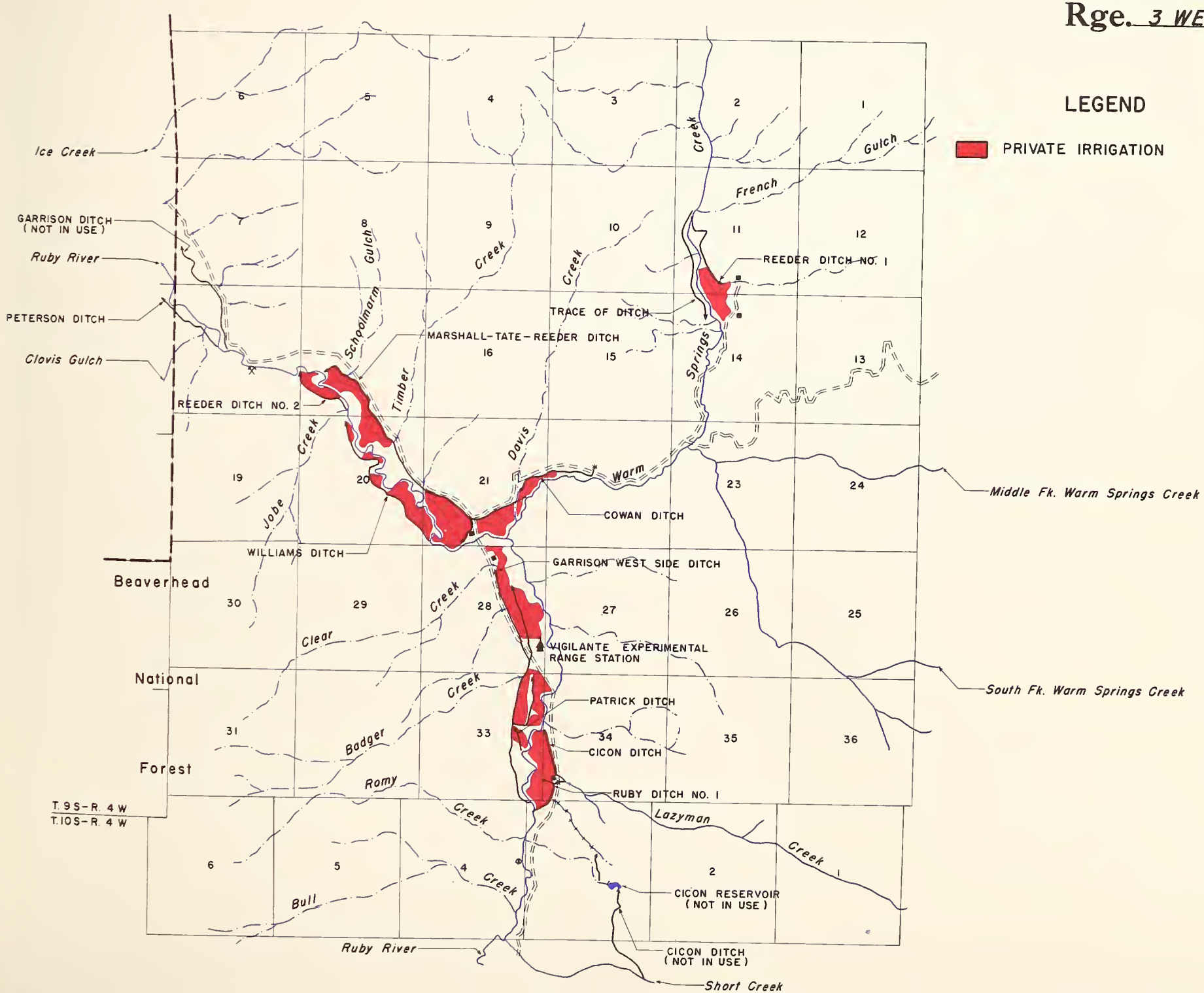
Twp. 9 SOUTH
Rge. 1 EAST



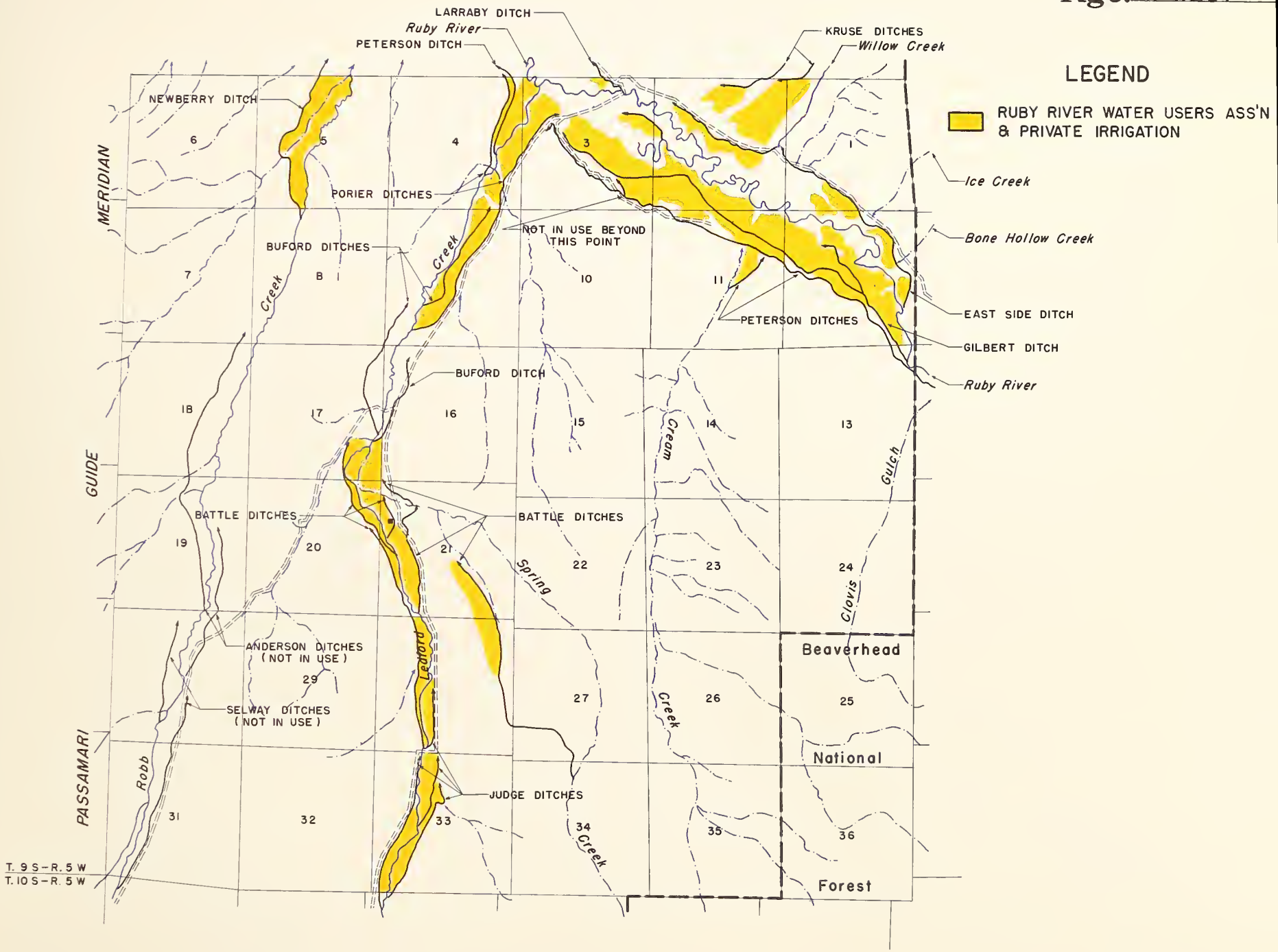
Twp. 9 SOUTH
Rge. 1 WEST



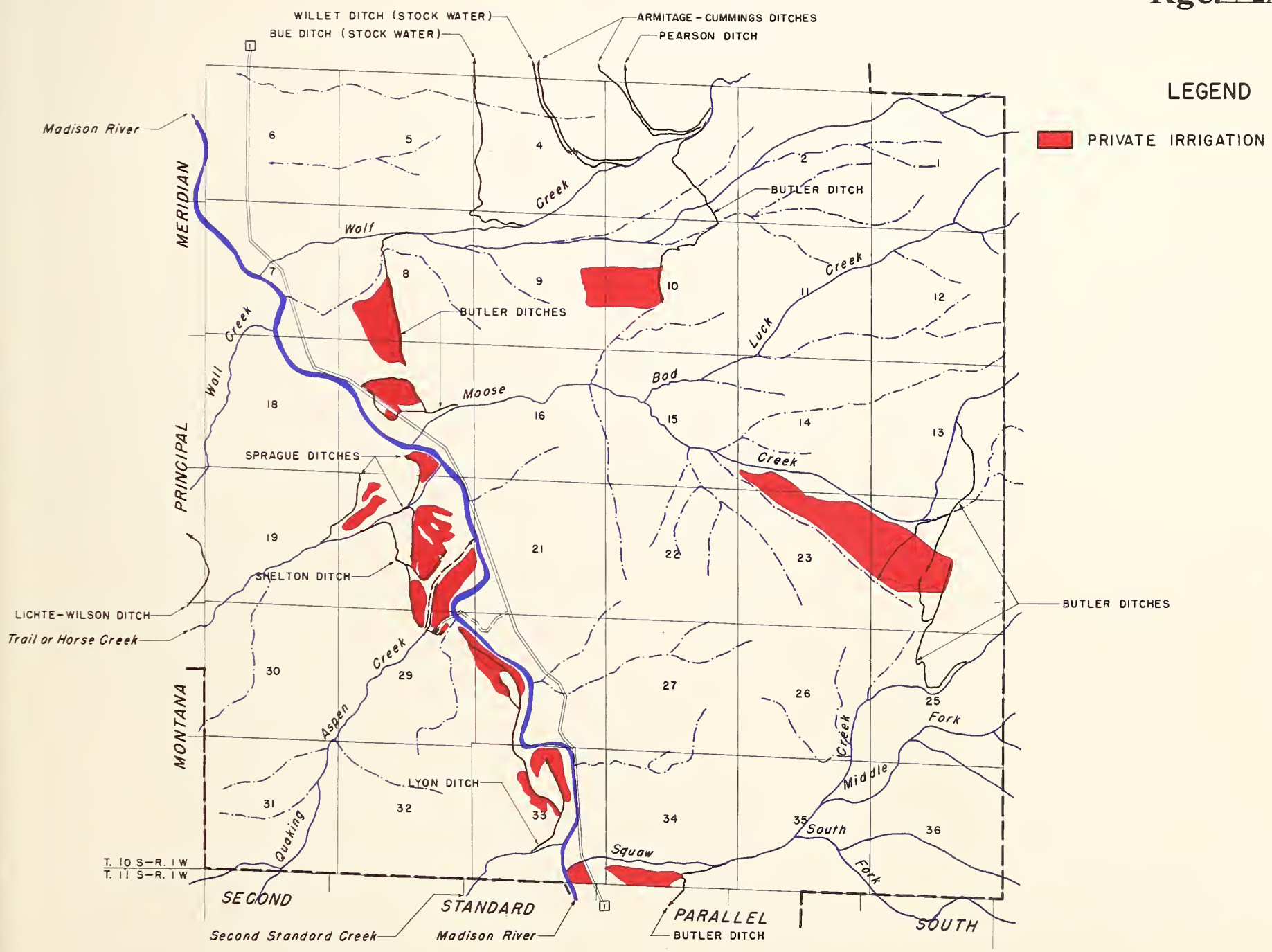
Twp. 9 & 10 SOUTH
Rge. 3 WEST



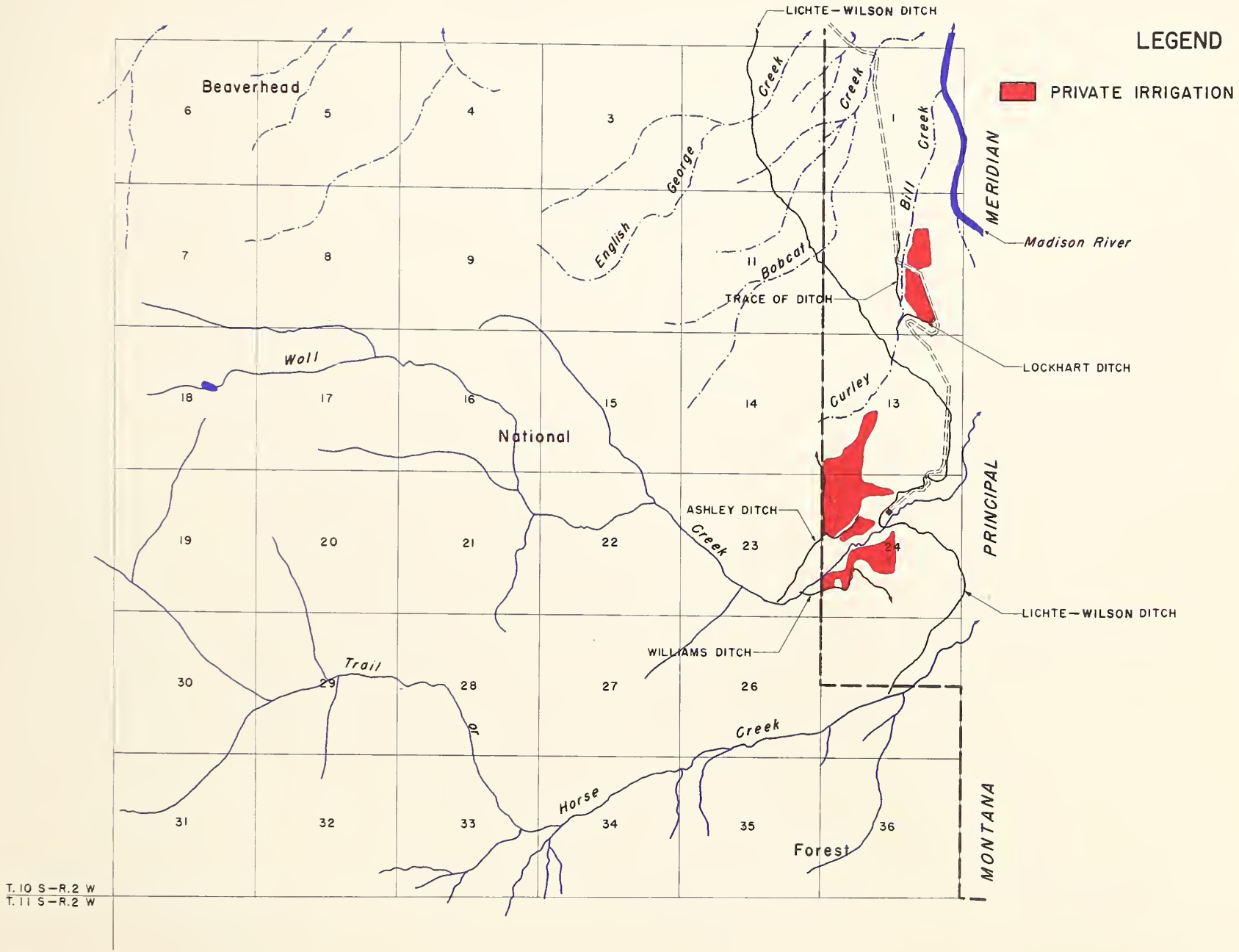
Twp. 9 SOUTH
Rge. 4 WEST



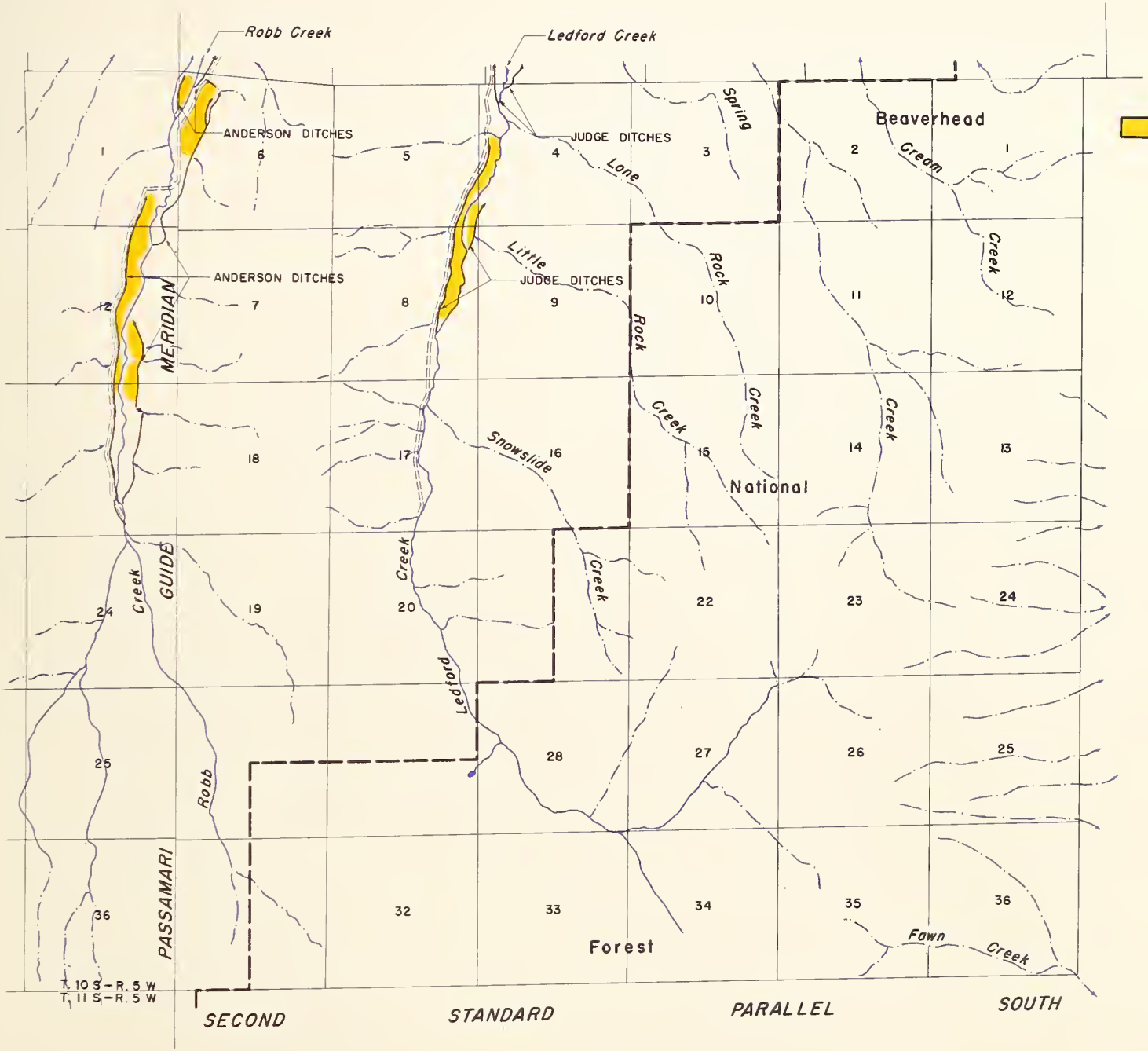
Twp. 10 SOUTH
Rge. 1 EAST



Twp. 10 SOUTH
Rge. 1 WEST



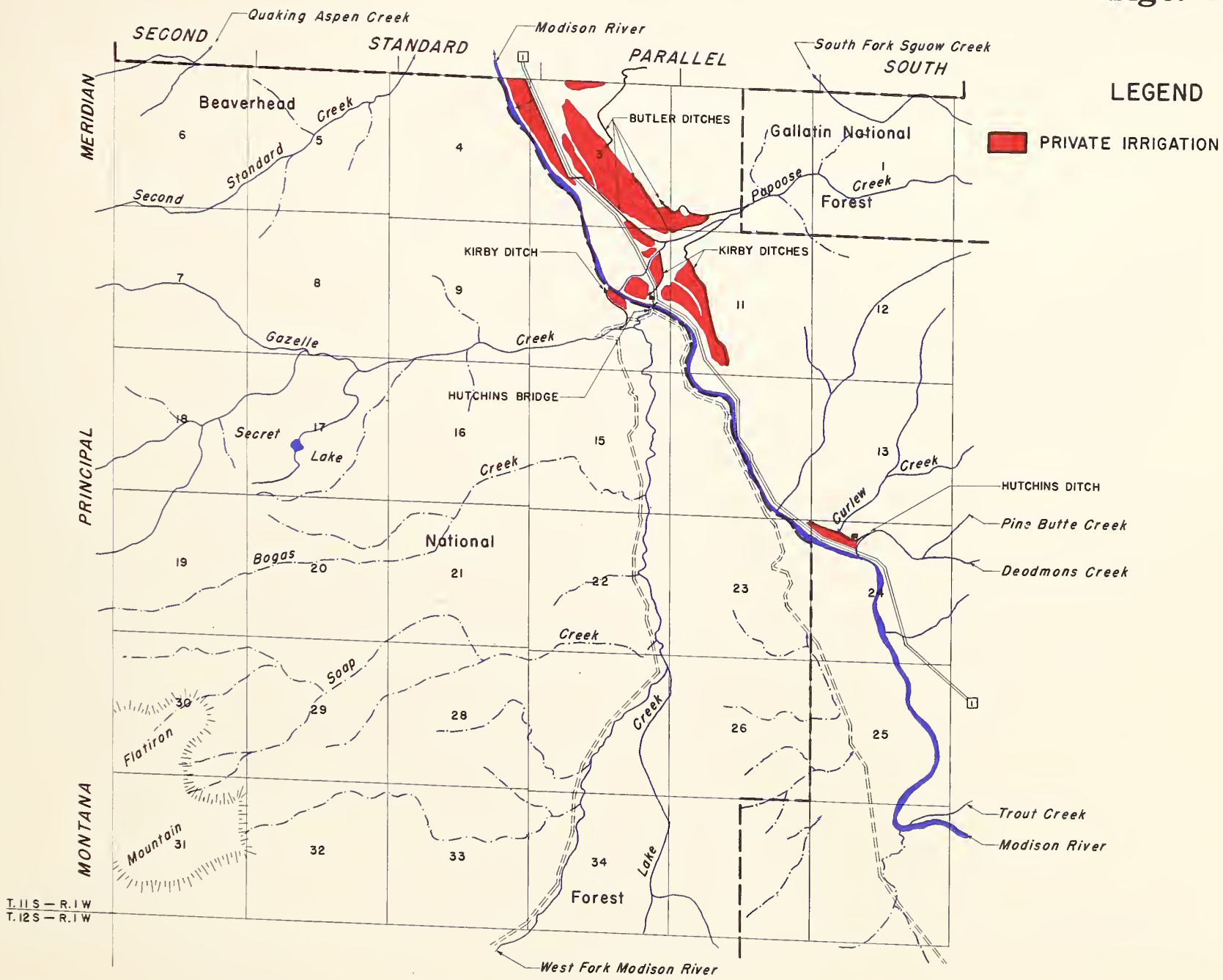
Twp. 10 SOUTH
Rge. 4 & 5 WEST



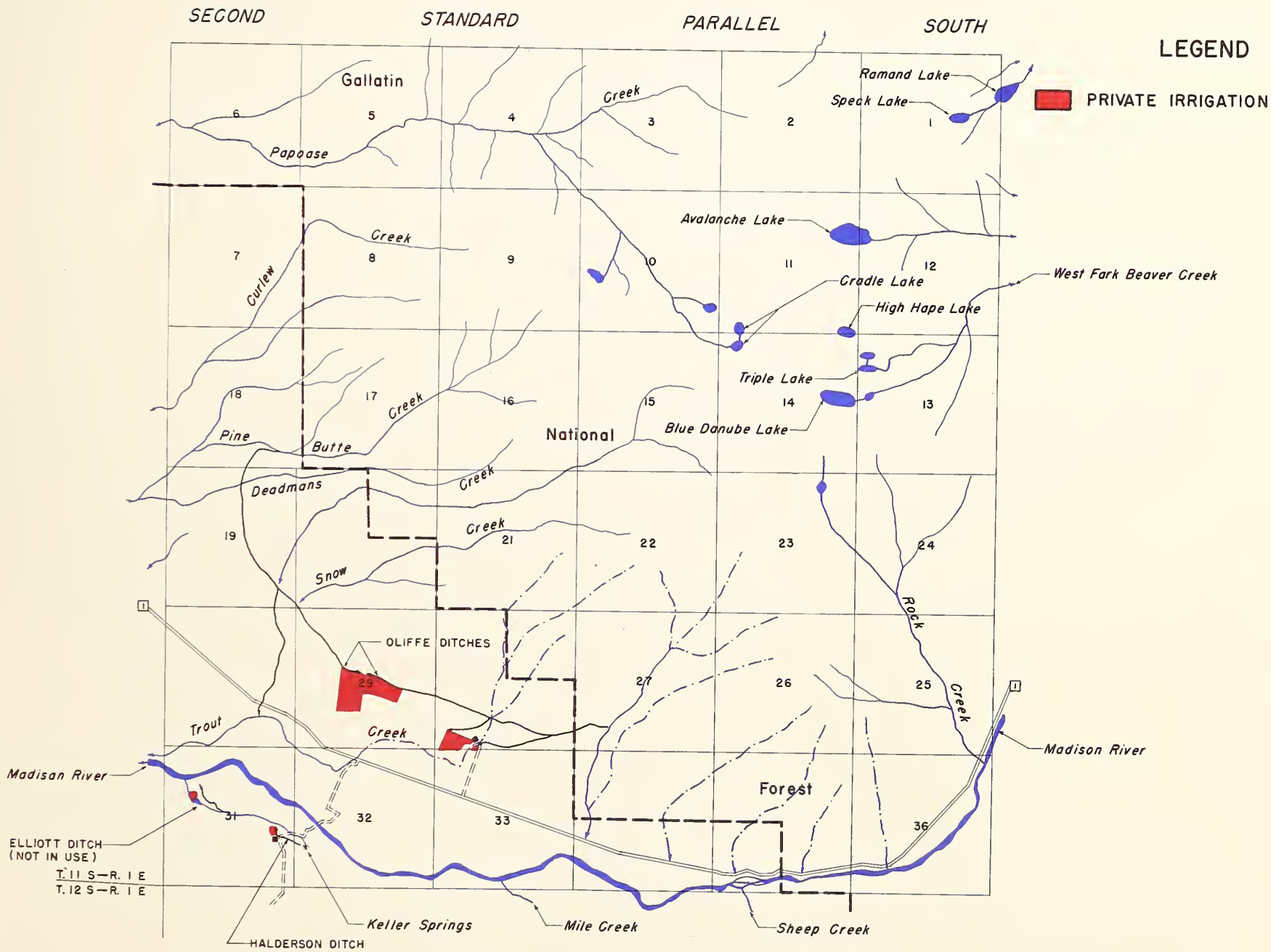
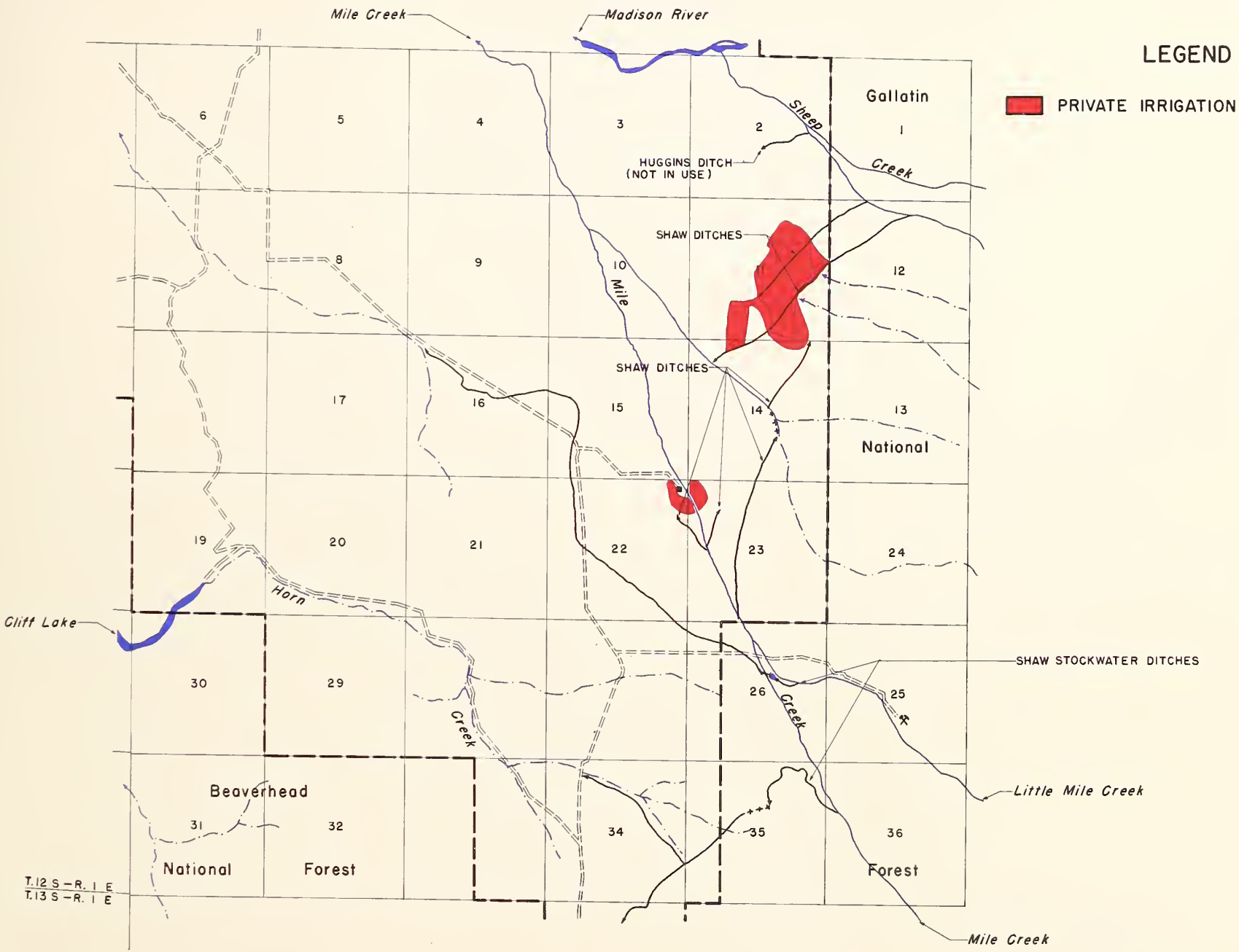
LEGEND

RUBY RIVER WATER USERS ASS'N AND PRIVATE IRRIGATION

Twp. 11 SOUTH
Rge. 1 EAST



Twp. 11 SOUTH
Rge. 2 EAST



Twp. 12 SOUTH
Rge. 2 EAST